

CALIFORNIA HIGH-SPEED TRAIN

Project Environmental Impact Report/Environmental Impact Statement

Revised Draft EIR /
Supplemental Draft EIS

Fresno to Bakersfield Section

Volume III: Section E – Station Plans

July 2012



F:\11025_TRAN_URS_HSR_Fresno-Palmdale\00CAD\0-General\Revit\GENERAL SHEETS EIR V3.rvt

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A

Table with 2 columns: Abbreviation and Description. Includes entries like AB AGGREGATE BASE, ABBC ASBESTOS BONDED BITUMINOUS COATED, ABM AIR-BLOWN MORTAR, etc.

B

Table with 2 columns: Abbreviation and Description. Includes entries like BAGR BRIDGE APPROACH GUARD RAILING, BB BEGINNING OF BRIDGE, BC BEGIN HORIZONTAL CURVE, etc.

C

Table with 2 columns: Abbreviation and Description. Includes entries like CAA CABLE ANCHOR ASSEMBLY, CAP CORRUGATED ALUMINUM PIPE, CAPA CORRUGATED ALUMINUM PIPE ARCH, etc.

C CONTINUED

Table with 2 columns: Abbreviation and Description. Includes entries like CHSRA CALIFORNIA HIGH SPEED RAIL AUTHORITY, CHST CALIFORNIA HIGH SPEED TRAIN, CHSR CALIFORNIA HIGH SPEED RAIL, etc.

D

Table with 2 columns: Abbreviation and Description. Includes entries like D DEPTH, DD DOWNDRAIN, DIRECTIVE DRILLING, DBL DOUBLE, etc.

E

Table with 2 columns: Abbreviation and Description. Includes entries like E EAST, EASTING, EA ACTUAL SUPERELEVATION.

E CONTINUED

Table with 2 columns: Abbreviation and Description. Includes entries like EU UNBALANCED SUPERELEVATION, EASE EASEMENT, EB END OF BRIDGE, EASTBOUND, etc.

G

Table with 2 columns: Abbreviation and Description. Includes entries like G ACCELERATION DUE TO GRAVITY, GA GAGE, GALV GALVANIZED, etc.

H

Table with 2 columns: Abbreviation and Description. Includes entries like H HEIGHT, HR HOUR, HD HORIZONTAL DRAIN, HDWL HEADWALL, etc.

J

Table with 2 columns: Abbreviation and Description. Includes entries like JCT JUNCTION, JP JOINT POLE, JPCP JOINTED PLAIN CONCRETE PAVEMENT, etc.

K

Table with 2 columns: Abbreviation and Description. Includes entry K DISTANCE TO ACHIEVE 1% GRADE CHANGE.

L

Table with 2 columns: Abbreviation and Description. Includes entries like L LENGTH, LAT LATITUDE, LCB LEAN CONCRETE BASE, etc.

M

Table with 2 columns: Abbreviation and Description. Includes entries like MACH MACHINE, MAINT MAINTENANCE, MAX MAXIMUM, etc.

M CONTINUED

Table with 2 columns: Abbreviation and Description. Includes entries like MOD MODIFIED, MODIFY, MON MONUMENT, MP METAL PLATE, etc.

N

Table with 2 columns: Abbreviation and Description. Includes entries like N NORTH, NORTHING, NB NORTHBOUND, NO. NUMBER, etc.

O

Table with 2 columns: Abbreviation and Description. Includes entries like OBLR OBLITERATE, OC OVERCROSSING, OCS OVERHEAD CONTACT SYSTEM, etc.

P

Table with 2 columns: Abbreviation and Description. Includes entries like P PAGE, PAP PERFORATED ALUMINUM PIPE, PB PULL BOX, etc.

Table with 6 columns: REV, DATE, BY, CHK, APP, DESCRIPTION. Includes a revision history entry for 05/18/12.

Table with 2 columns: Designer (E. NAOR) and Date (05/18/12).

RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION



Project title: CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD STATIONS DRAWINGS PLANS, ELEVATIONS AND SECTIONS. GENERAL ABBREVIATIONS.

Table with 2 columns: CONTRACT NO. (HSR 06-0003), DRAWING NO. (A0003), SCALE, SHEET NO. (2 OF 3).

P CONTINUED

PRF PAVEMENT REINFORCING FABRIC
 PRVC POINT OF REVERSE VERTICAL CURVE
 PS&E PLANS, SPECIFICATIONS AND ESTIMATES
 PS, P/S PRESTRESSED, PARALLEL STATION
 PSB PASSENGER SERVICE BOOTH
 PSP PERFORATED STEEL PIPE
 PT POINT OF TANGENCY
 PVC POLYVINYL CHLORIDE
 PVI POINT OF VERTICAL INTERSECTION
 PVMT PAVEMENT
 Pbmax PEAK PASSENGER BOARDINGS
 P60b PEAK HOURLY BOARDINGS
 P15 PEAK 15 MINUTE BOARDINGS

Q

QTY QUANTITY

R

R RADIUS
 R & D REMOVE AND DISPOSE
 R & S REMOVE AND SALVAGE
 R/C RATE OF CHANGE
 RCA REINFORCED CONCRETE ARCH
 RCB REINFORCED CONCRETE BOX
 RCP REINFORCED CONCRETE PIPE
 RCPA REINFORCED CONCRETE PIPE ARCH
 RD ROAD
 REINF REINFORCED, REINFORCEMENT, REINFORCING
 REL RELOCATE
 REPL REPLACEMENT
 RET RETAINING
 REV REVISED
 RDWY ROADWAY
 RM ROAD-MIXED
 RP RADIUS POINT, REFERENCE POINT
 RR RAILROAD
 RSP ROCK SLOPE PROTECTION
 RT RIGHT
 RTE ROUTE
 RW REDWOOD, RETAINING WALL
 R/W, ROW RIGHT OF WAY
 RWY RAILWAY

S

S SOUTH, SUPPLEMENT
 SAE STRUCTURE APPROACH EMBANKMENT
 SALV SALVAGE
 SAPP STRUCTURAL ALUMINUM PLATE PIPE
 SB SOUTHBOUND
 SC SPIRAL TO CURVE
 SCSP SLOTTED CORRUGATED STEEL PIPE
 SD STORM DRAIN
 SEC SECOND
 SECT SECTION
 SEP SEPARATION
 SF, sf SQUARE FOOT, SQUARE FEET
 SG SUBGRADE
 SHLD SHOULDER
 SHT SHEET

S CONTINUED

SIM SIMILAR
 S STATION LINE
 SM SELECTED MATERIAL
 SPEC SPECIAL, SPECIFICATIONS
 SP SOUTHERN PACIFIC
 SPRR SOUTHERN PACIFIC RAILROAD
 SPP SLOTTED PLASTIC PIPE
 SS SLOPE STAKE, SPIRAL TO SPIRAL
 SSBM STRAP AND SADDLE BRACKET METHOD
 SSD STRUCTURAL SECTION DRAIN
 SSPA STRUCTURAL STEEL PLATE ARCH
 SSPP STRUCTURAL STEEL PLATE PIPE
 SSPPA STRUCTURAL STEEL PLATE PIPE ARCH
 SSRP STEEL SPIRAL RIB PIPE
 SR STATE ROUTE
 ST STREET, SPIRAL TO TANGENT
 STA STATION
 STBB SINGLE THRIE BEAM BARRIER
 STD STANDARD
 STR STRUCTURE
 SRS STAND ALONE RADIO SITE
 SURF SURFACING
 SW SIDEWALK, SOUND WALL
 SWR SEWER
 SWS SWITCHING STATION
 SYM SYMMETRICAL
 S4S SURFACE 4 SIDES
 SJVRR SAN JOAQUIN VALLEY RAILROAD

T

T SEMI-TANGENT
 TAB TABLET
 TAN TANGENT
 TBB THRIE BEAM BARRIER
 TBD TO BE DETERMINED
 TBR TIMBER
 TC TOP OF CURB, TANGENT TO CURVE
 TCB TRAFFIC CONTROL BOX
 TEL TELEPHONE
 TELCOM TELEPHONE COMMUNICATIONS
 TEMP TEMPORARY
 TG TOP OF GRADE
 TM TECHNICAL MEMORANDUM
 TOR TOP OF RAIL
 TOT TOTAL
 TP TELEPHONE POLE
 TPB TREATED PERMEABLE BASE
 TPM TREATED PERMEABLE MATERIAL
 TPSS TRACTION POWER SUPPLY STATION
 TRANS TRANSITION, TRANSVERSE, TRANSPORTATION
 TS TRAFFIC SIGNAL, TUBULAR STEEL, TANGET TO SPIRAL
 TVM TICKET VENDING MACHINE
 TYP TYPICAL

U

UC UNDERCROSSING
 UD UNDERDRAIN
 UON UNLESS OTHERWISE NOTED
 UP UNDERPASS
 UPRR UNION PACIFIC RAILROAD
 USFW UNITED STATES FISH AND WILDLIFE SERVICE

V

V VALVE,
 DESIGN SPEED
 VAR VARIABLE
 VC VERTICAL CURVE
 VCP VITRIFIED CLAY PIPE
 VERT VERTICAL
 VIA VIADUCT
 VOL VOLUME

W

W WEST,
 WIDTH
 WB WESTBOUND
 WH WEEP HOLE
 WM WIRE MESH
 WS WATER SURFACE
 WSP WELDED STEEL PIPE
 WT WEIGHT
 WV WATER VALVE
 WW WINGWALL
 WWLOL WINGWALL LAYOUT LINE
 W/ WITH

X

X SEC CROSS SECTION
 XING CROSSING

Y

YR YEAR
 YRS YEARS

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. NAOR
 DRAWN BY
D. BACKMAN
 CHECKED BY
F. KING
 IN CHARGE
E. NAOR
 DATE
05/18/12

**RECORD SET 15%
 DESIGN SUBMISSION**
 -
**NOT FOR
 CONSTRUCTION**

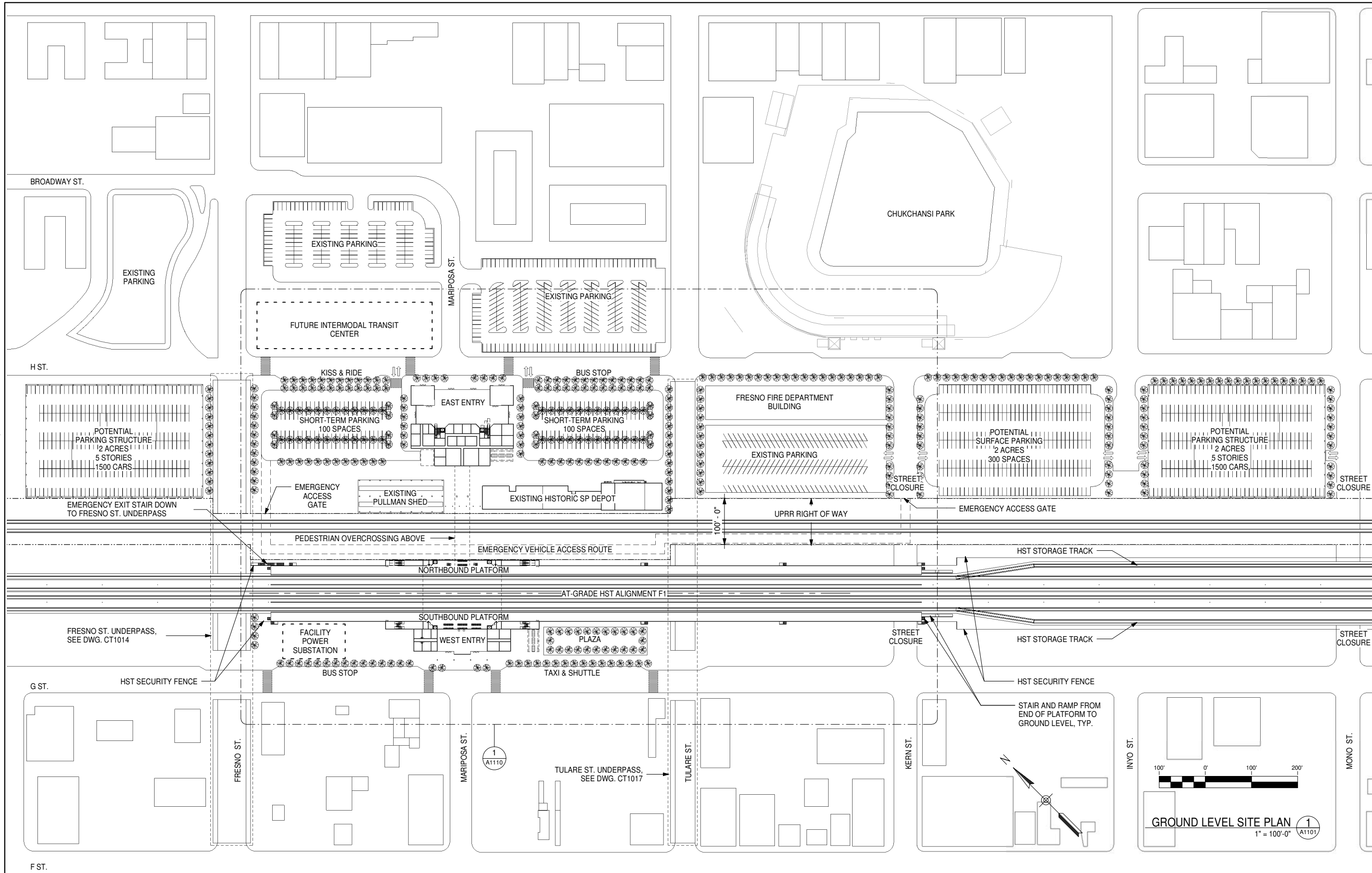


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
 FRESNO TO BAKERSFIELD**
 STATIONS DRAWINGS
 PLANS, ELEVATIONS AND SECTIONS
GENERAL ABBREVIATIONS

CONTRACT NO.
HSR 06-0003
 DRAWING NO.
A0004
 SCALE
 SHEET NO.
3 OF 3

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GENERAL NOTES

STATION SITE = 13 ACRES
 (INCLUDES STATION BUILDING,
 BUS TRANSIT CENTER, SHORT-
 TERM PARKING AND KISS & RIDE)

POTENTIAL PARKING = 7.5 ACRES
 (3 PARKING STRUCTURES
 + 1 SURFACE PARKING LOT)

TOTAL = 20.5 ACRES

KEY NOTES

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. NAOR

DRAWN BY
D. BACKMAN

CHECKED BY
F. KING

IN CHARGE
E. NAOR

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 FRESNO SUBSECTION
 ALIGNMENT F1
 FRESNO STATION - MARIPOSA ALTERNATIVE
GROUND LEVEL SITE PLAN

CONTRACT NO.
HSR 06-003

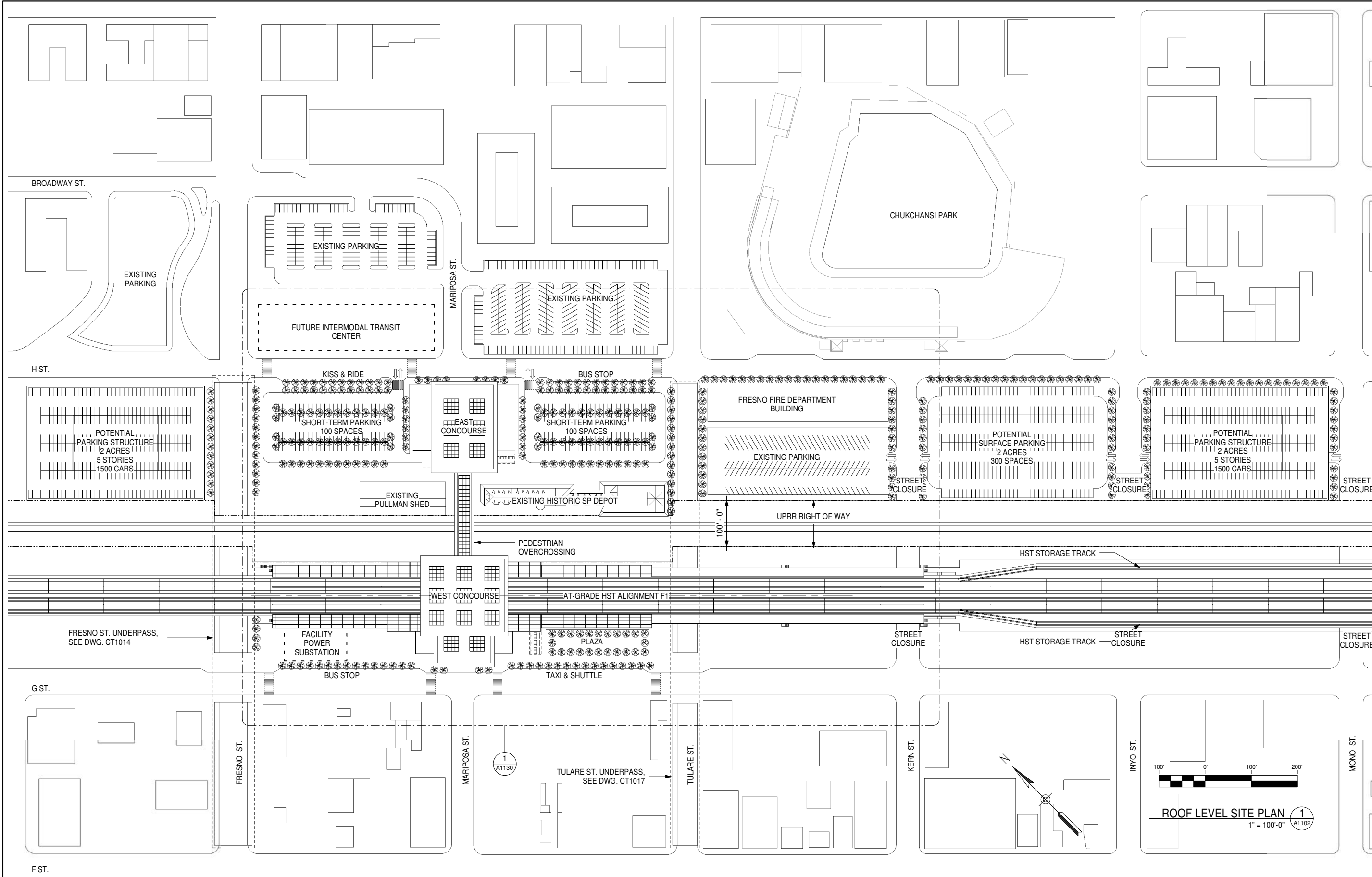
DRAWING NO.
A1101

SCALE
1" = 100'-0"

SHEET NO.
1 OF 15

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GENERAL NOTES

KEY NOTES

REV	DATE	BY	CHK	APP	DESCRIPTION

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CALIFORNIA HIGH-SPEED TRAIN PROJECT

FRESNO TO BAKERSFIELD

FRESNO SUBSECTION
ALIGNMENT F1

FRESNO STATION - MARIPOSA ALTERNATIVE

ROOF LEVEL SITE PLAN

CONTRACT NO.
HSR 06-003

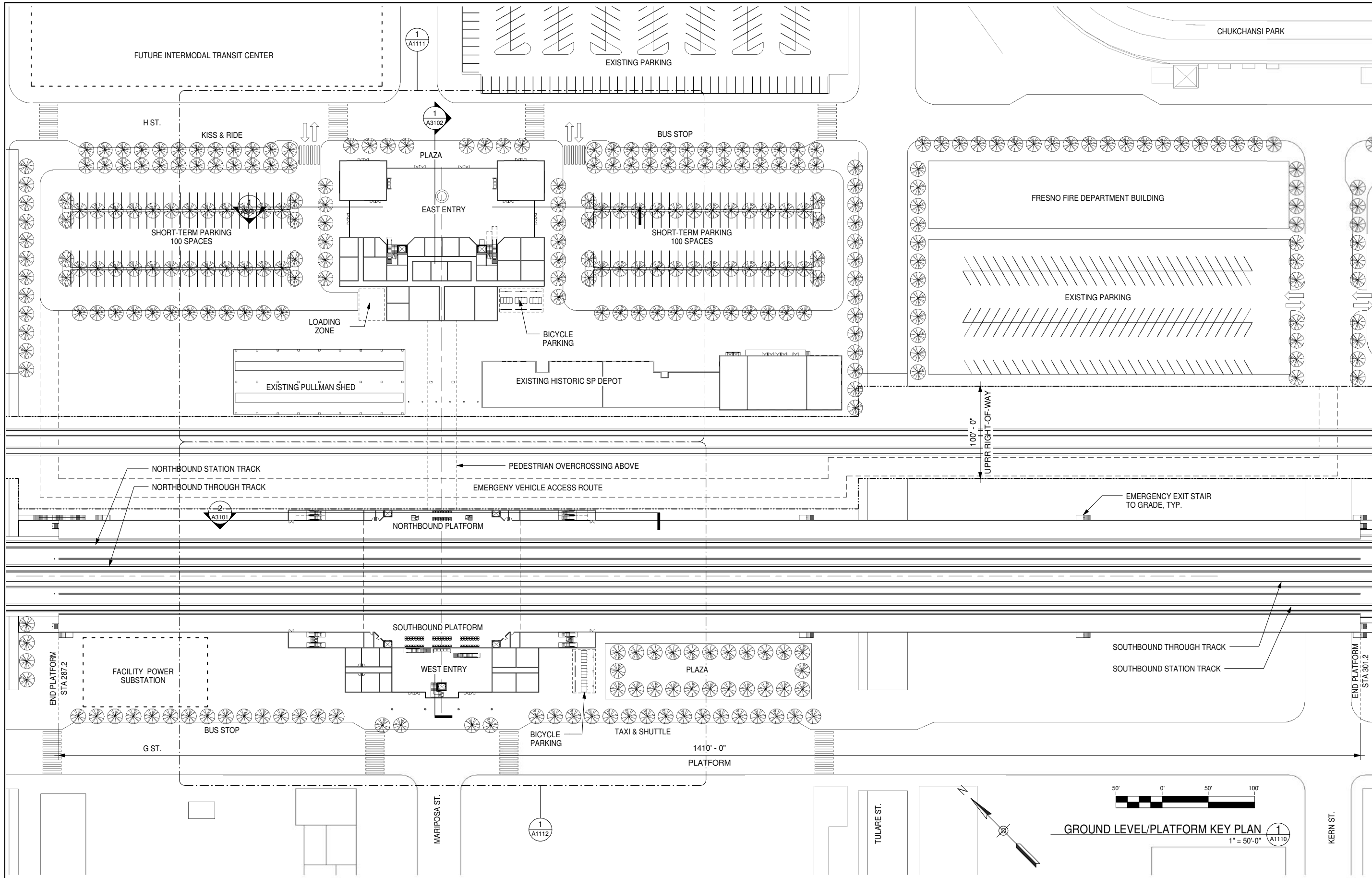
DRAWING NO.
A1102

SCALE
1" = 100'-0"

SHEET NO.
2 OF 15

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GENERAL NOTES

KEY NOTES

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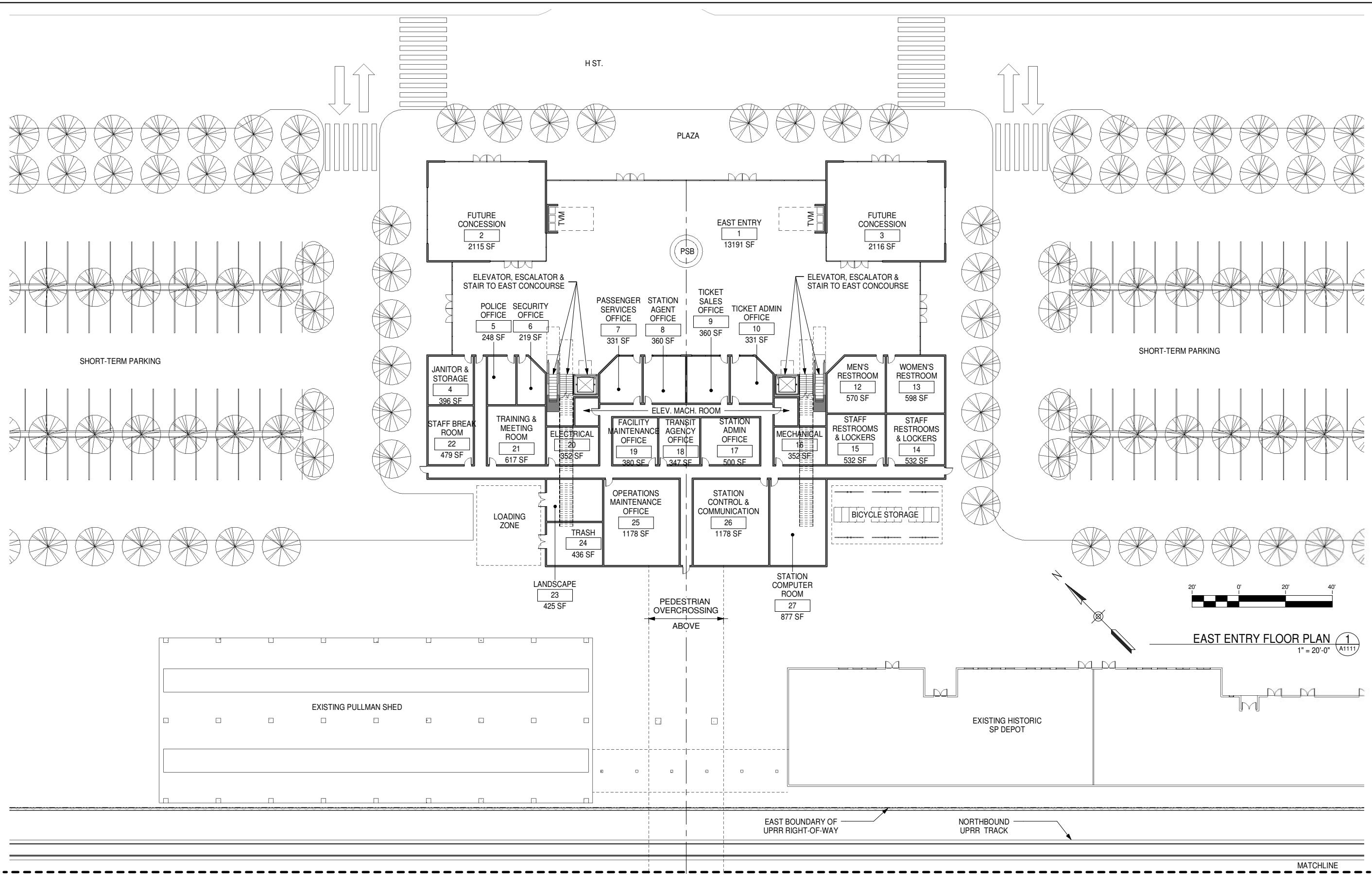


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 FRESNO SUBSECTION
 ALIGNMENT F1
 FRESNO STATION - MARIPOSA ALTERNATIVE
GROUND LEVEL/PLATFORM KEY PLAN

CONTRACT NO.	HSR 06-003
DRAWING NO.	A1110
SCALE	1" = 50'-0"
SHEET NO.	3 OF 15

GENERAL NOTES

KEY NOTES



EAST ENTRY FLOOR PLAN 1
1" = 20'-0" A1111

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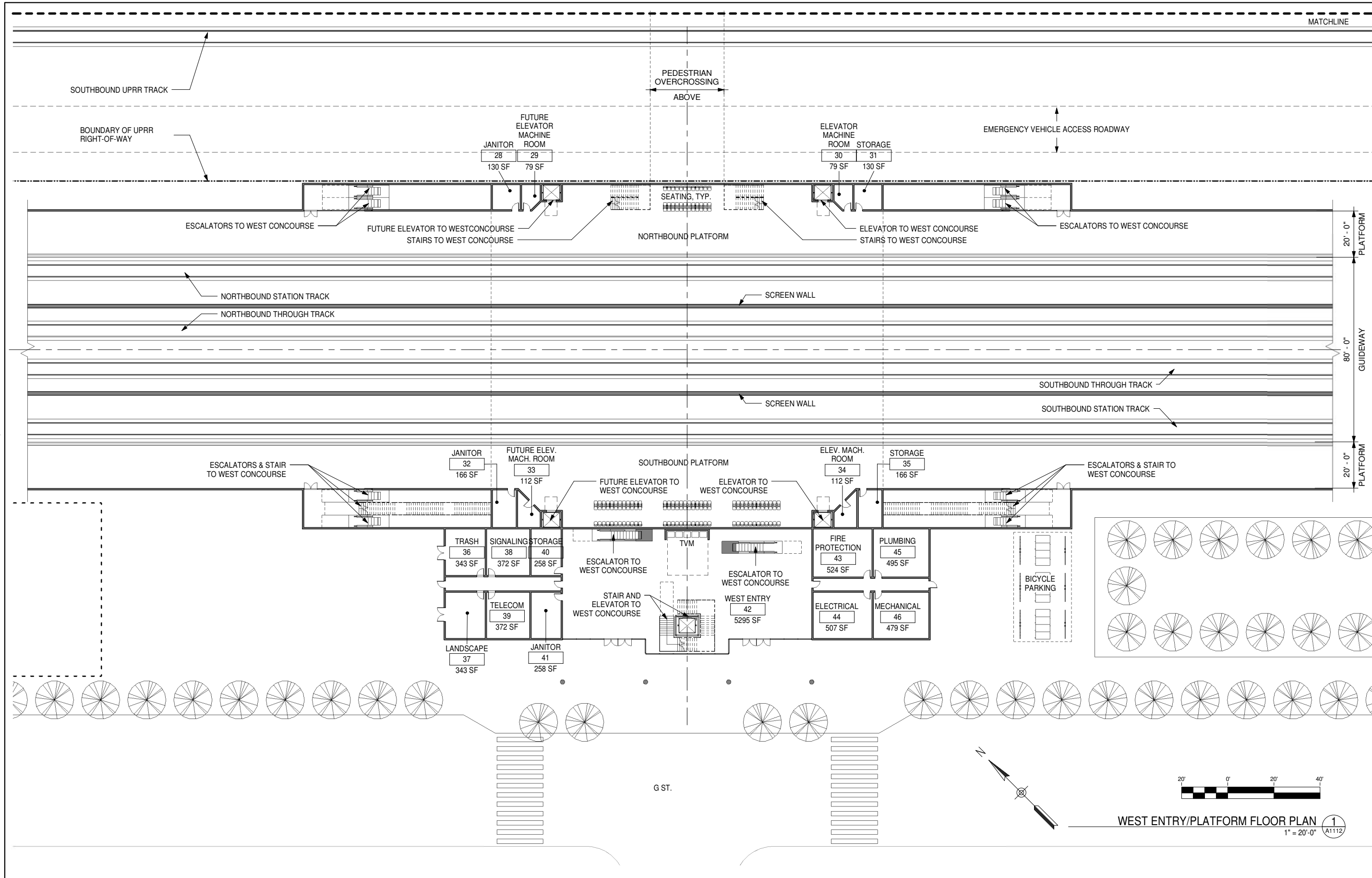


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
EAST ENTRY FLOOR PLAN

CONTRACT NO.
HSR 06-003
DRAWING NO.
A1111
SCALE
1" = 20'-0"
SHEET NO.
4 OF 15

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WEST ENTRY/PLATFORM FLOOR PLAN 1
1" = 20'-0" A1112

GENERAL NOTES

KEY NOTES

REV	DATE	BY	CHK	APP	DESCRIPTION

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CALIFORNIA HIGH-SPEED TRAIN PROJECT

FRESNO TO BAKERSFIELD

FRESNO SUBSECTION
ALIGNMENT F1

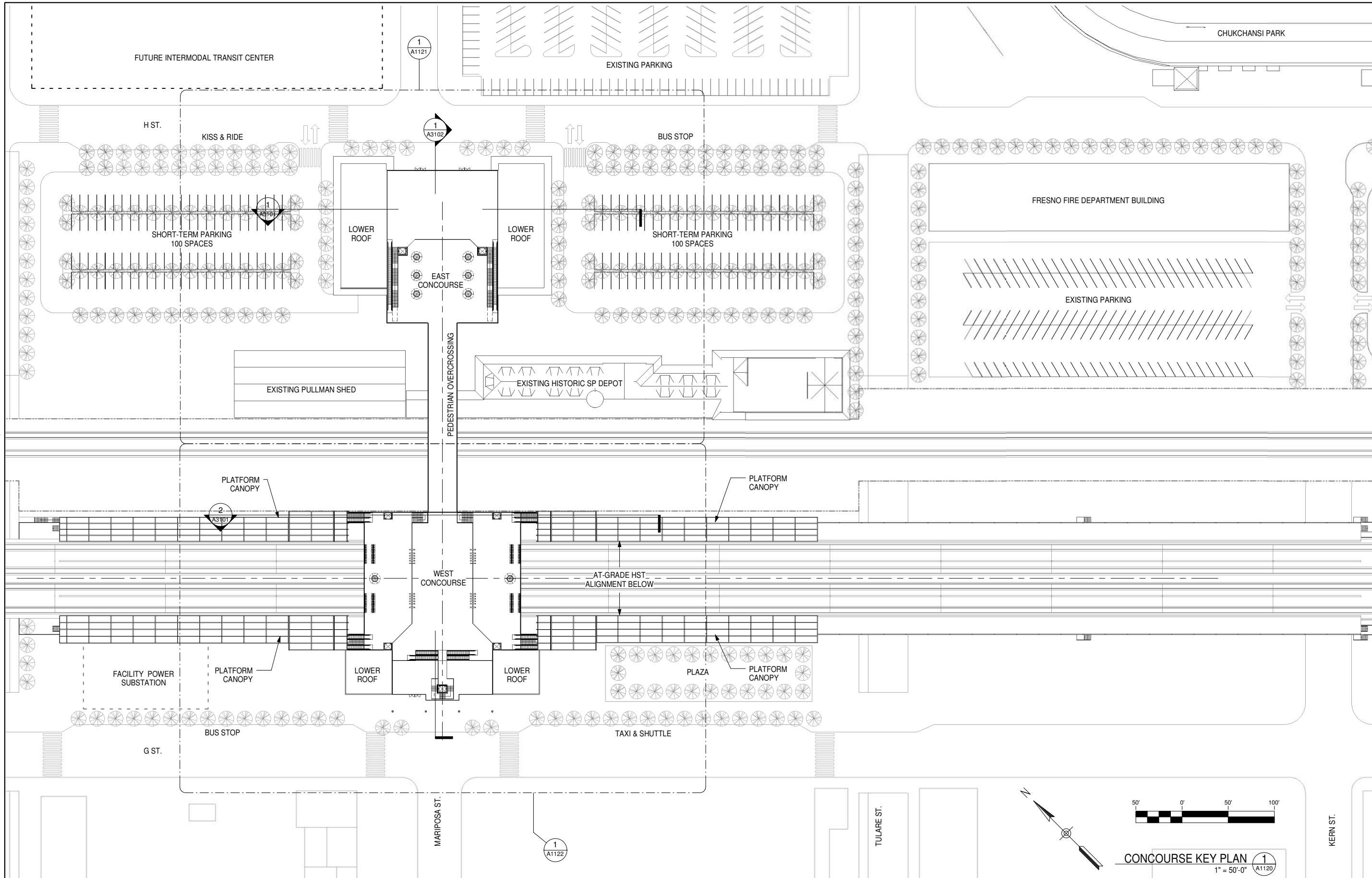
FRESNO STATION - MARIPOSA ALTERNATIVE

WEST ENTRY/PLATFORM FLOOR PAN

CONTRACT NO.	HSR 06-003
DRAWING NO.	A1112
SCALE	1" = 20'-0"
SHEET NO.	5 OF 15

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GENERAL NOTES

KEY NOTES

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E. NAOR
DATE
05/18/12

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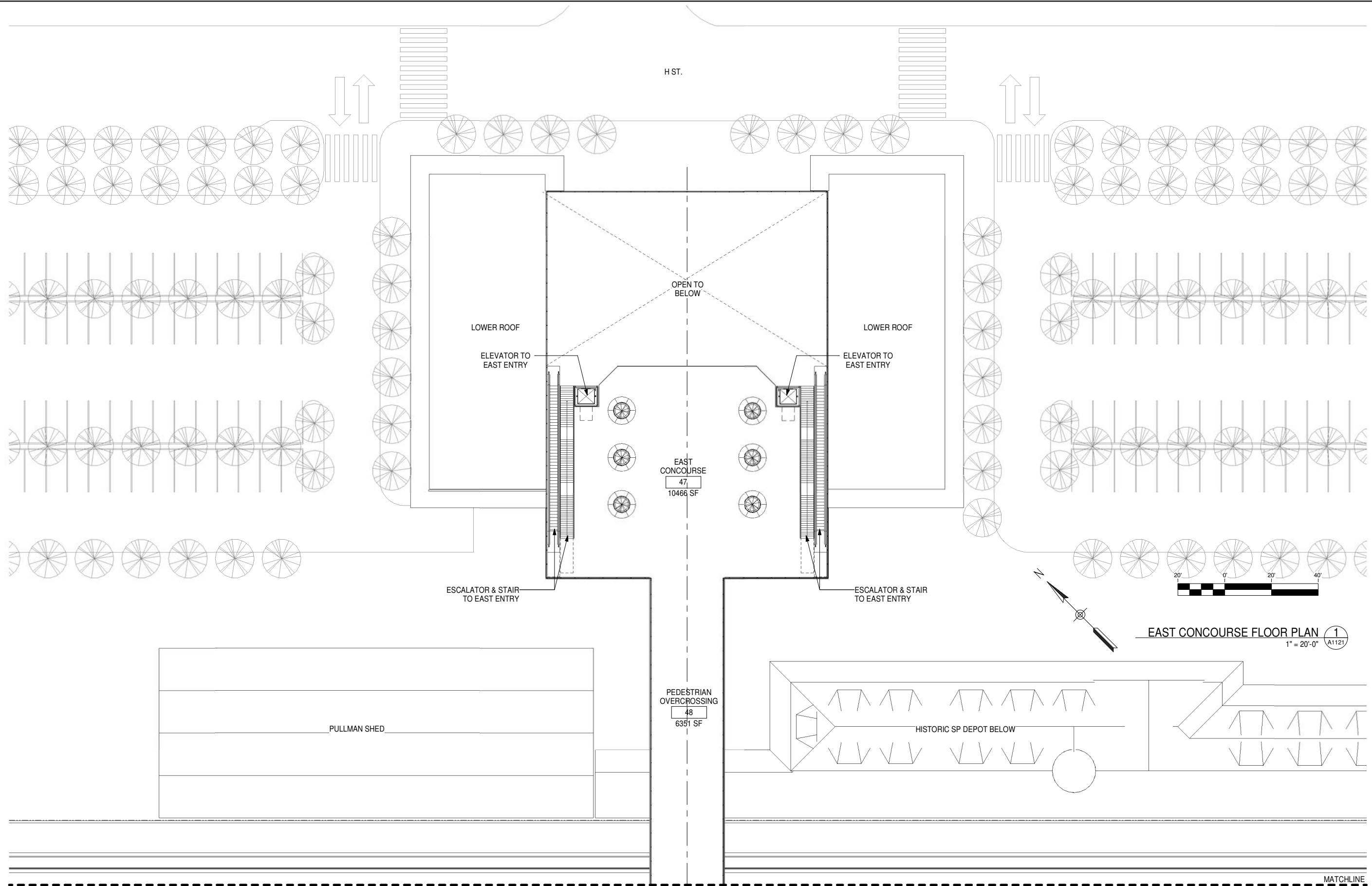


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
CONCOURSE KEY PLAN

CONTRACT NO.	HSR 06-003
DRAWING NO.	A1120
SCALE	1" = 50'-0"
SHEET NO.	6 OF 15

GENERAL NOTES

KEY NOTES



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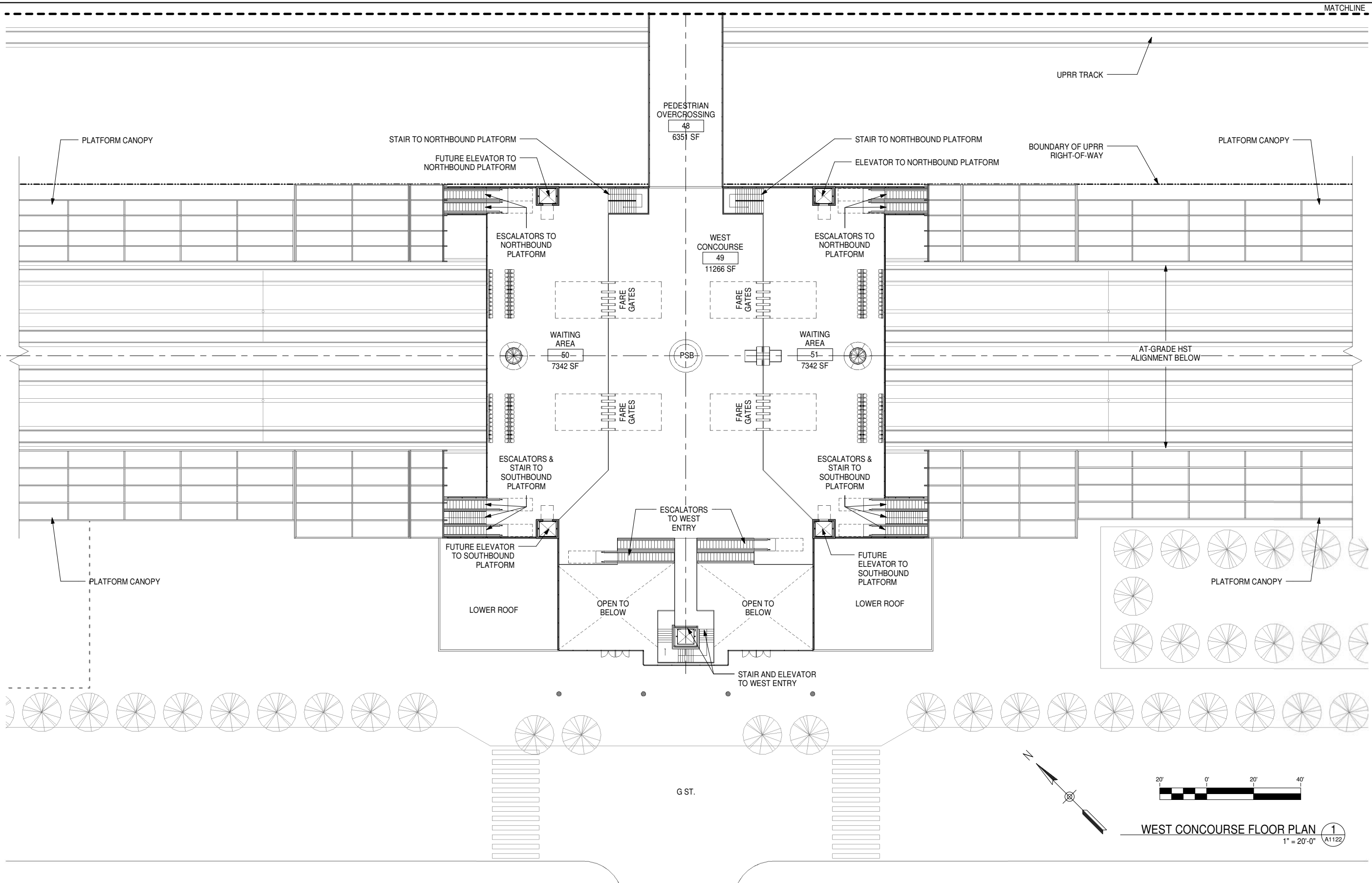


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
EAST CONCOURSE FLOOR PLAN

CONTRACT NO.
HSR 06-003
DRAWING NO.
A1121
SCALE
1" = 20'-0"
SHEET NO.
7 OF 15

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WEST CONCOURSE FLOOR PLAN 1
1" = 20'-0" A1122

GENERAL NOTES

KEY NOTES

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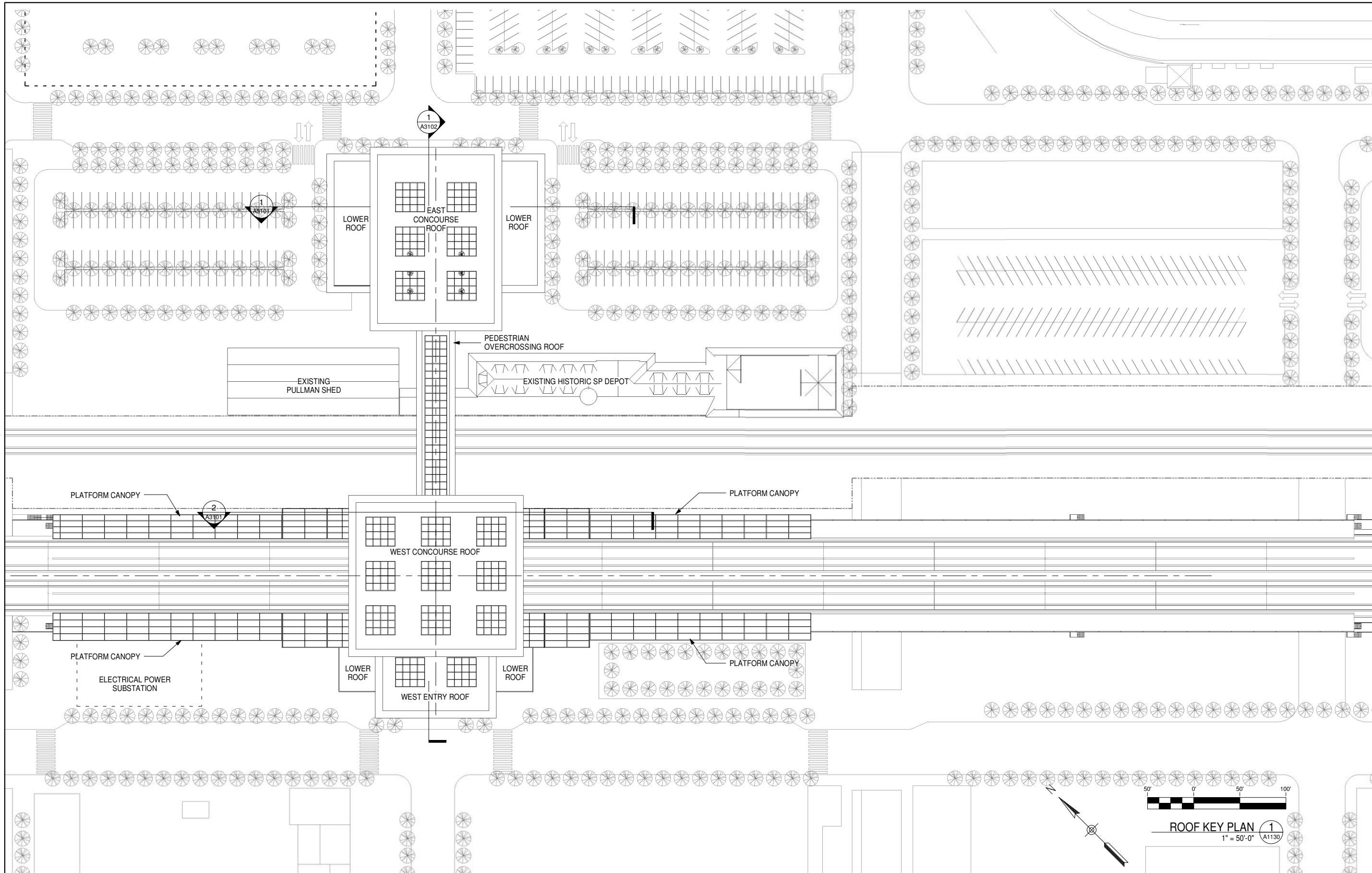


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
WEST CONCOURSE FLOOR PLAN

CONTRACT NO.
HSR 06-003
DRAWING NO.
A1122
SCALE
1" = 20'-0"
SHEET NO.
8 OF 15

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GENERAL NOTES

KEY NOTES

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DATE
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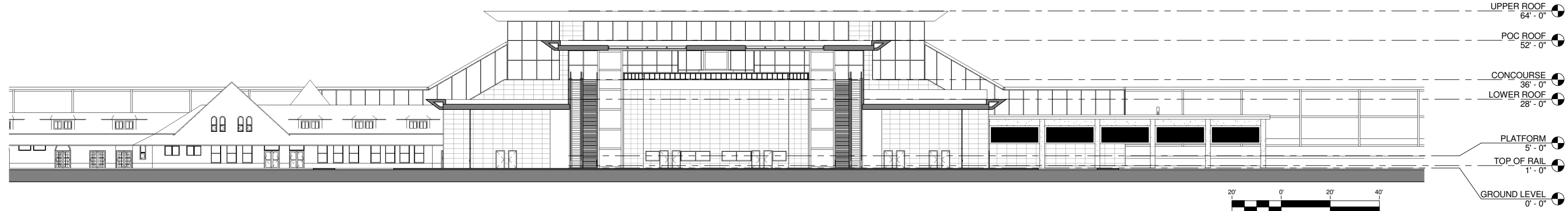
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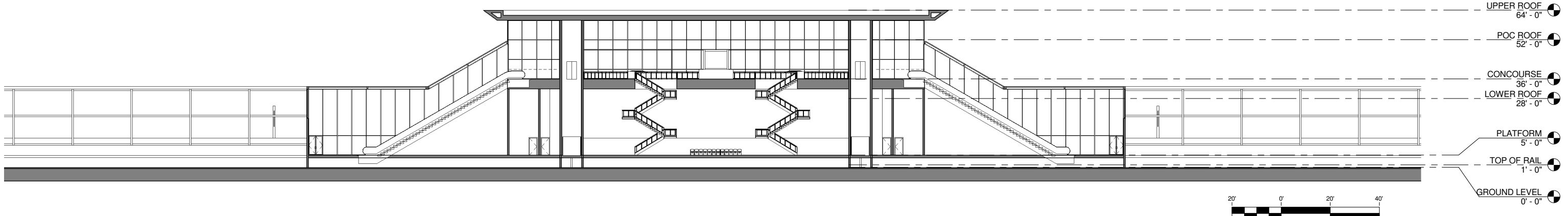


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
ROOF KEY PLAN

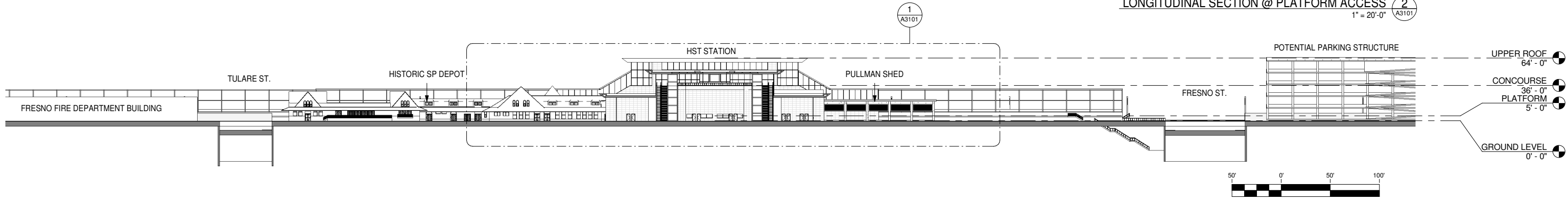
CONTRACT NO.
HSR 06-003
DRAWING NO.
A1130
SCALE
1" = 50'-0"
SHEET NO.
9 OF 15



LONGITUDINAL SECTION @ EAST ENTRY **1**
1" = 20'-0" A3101



LONGITUDINAL SECTION @ PLATFORM ACCESS **2**
1" = 20'-0" A3101



KEY LONGITUDINAL SECTION **3**
1" = 50'-0" A3101

GENERAL NOTES

KEY NOTES

REV	DATE	BY	CHK	APP	DESCRIPTION

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DATE
05/18/12

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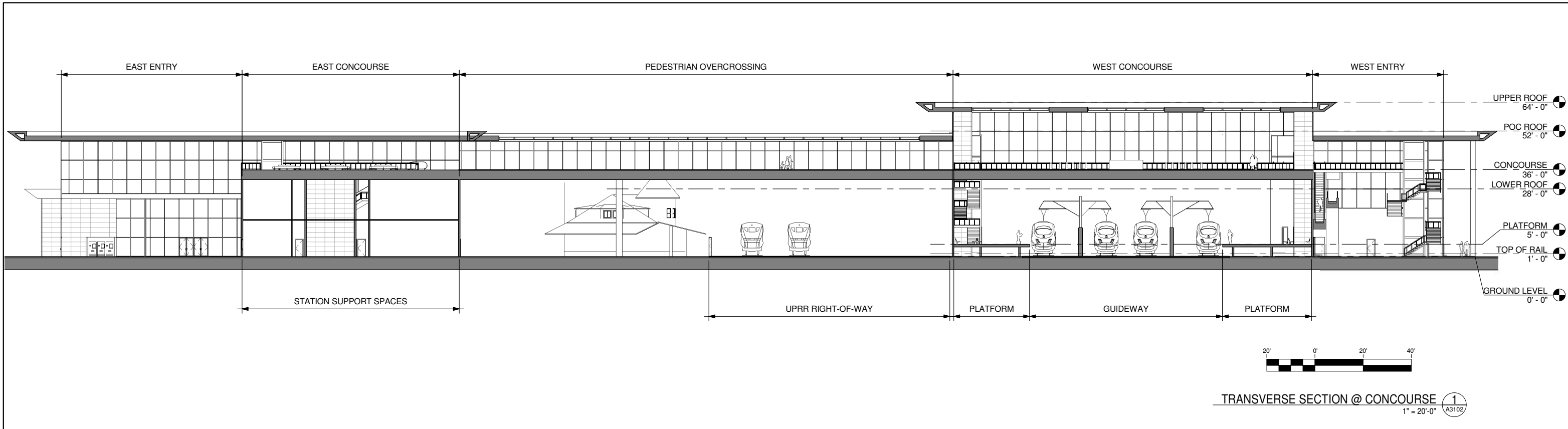
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
BUILDING SECTIONS

CONTRACT NO.
HSR 06-003
DRAWING NO.
A3101
SCALE
As indicated
SHEET NO.
10 OF 15

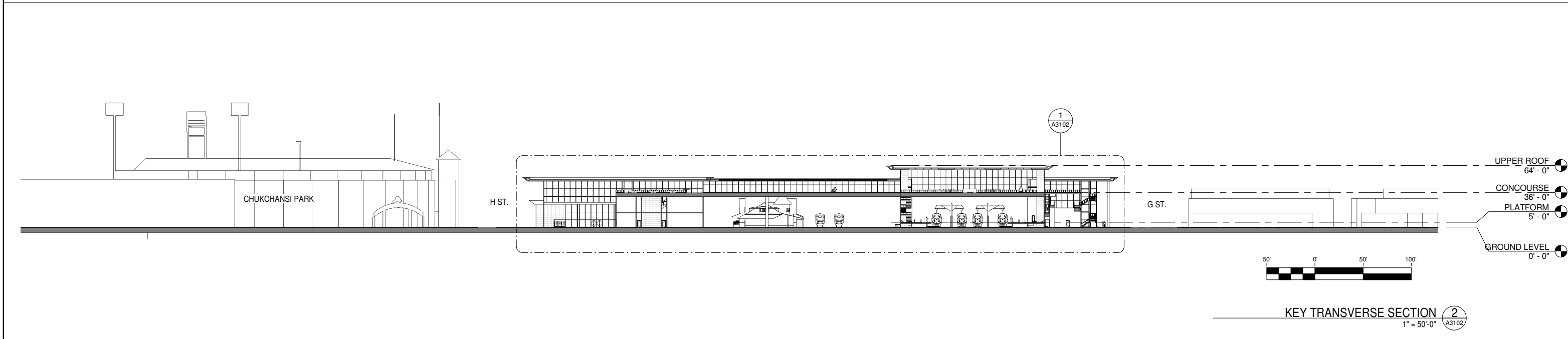
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TRANSVERSE SECTION @ CONCOURSE 1
1" = 20'-0" A3102



KEY TRANSVERSE SECTION 2
1" = 50'-0" A3102

GENERAL NOTES

KEY NOTES

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY E. NAOR	RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION
DRAWN BY D. BACKMAN	
CHECKED BY F. KING	
IN CHARGE E. NAOR	
DATE 05/18/12	



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 FRESNO SUBSECTION
 ALIGNMENT F1
 FRESNO STATION - MARIPOSA ALTERNATIVE
BUILDING SECTIONS

CONTRACT NO.	HSR 06-003
DRAWING NO.	A3102
SCALE	As indicated
SHEET NO.	11 OF 15

ROOM SCHEDULE

NO.	ROOM NAME	AREA	REQUIRED AREA	FORMULA	TM 2.2.2	COMMENTS
1	EAST ENTRY	13191 SF	11115 SF	P15x30sf/person	6.2.3.2	
2	FUTURE CONCESSION	2115 SF		TBD	6.2.3.6	
3	FUTURE CONCESSION	2116 SF		TBD	6.2.3.6	
4	JANITOR & STORAGE	396 SF	110 SF	110 SF x 3	6.2.6.2.16	
5	POLICE OFFICE	248 SF	160 SF	160 SF	6.2.6.2.8	
6	SECURITY OFFICE	219 SF	160 SF	160 SF	6.2.6.2.7	
7	PASSENGER SERVICES OFFICE	331 SF	160 SF	160 SF	6.2.6.1.3	
8	STATION AGENT OFFICE	360 SF	270 SF	270 SF	6.2.6.1.5	
9	TICKET SALES OFFICE	360 SF	143 SF	(((P60bx.15)/(1.5 x 60)) x 75) sqft	6.2.6.1.1	
10	TICKET ADMIN OFFICE	331 SF	160 SF	160 SF	6.2.6.2.6	
12	MEN'S RESTROOM	570 SF	371 SF	P15	6.2.3.5	
13	WOMEN'S RESTROOM	598 SF	371 SF	P15	6.2.3.5	
14	STAFF RESTROOMS & LOCKERS	532 SF		Local Codes	6.2.6.12/13	
15	STAFF RESTROOMS & LOCKERS	532 SF		Local Codes	6.2.6.12/13	
16	MECHANICAL	352 SF		TBD	6.4.6	
17	STATION ADMIN OFFICE	500 SF		((65sqft x staff with own workspace) + (43sqft x staff with shared workspace))x1.25	6.2.6.2.1	
18	TRANSIT AGENCY OFFICE	347 SF		Based on Demand	6.2.6.11	
19	FACILITY MAINTENANCE OFFICE	380 SF	325 SF	325 SF	6.2.6.2.9	
20	ELECTRICAL	352 SF		TBD	6.4.2	
21	TRAINING & MEETING ROOM	617 SF	500 SF	(20sqft x max staff per shift x 1.25)	6.2.6.2.2	
22	STAFF BREAK ROOM	479 SF	125 SF	(20sqft x .25 x max staff per shift x 1.25)	6.2.6.2.14	
23	LANDSCAPE	425 SF		TBD	6.2.6.2.18	
24	TRASH	436 SF	54 SF	54 SF	6.2.6.2.15	
25	OPERATIONS MAINTENANCE OFFICE	1178 SF	1080 SF	1080 SF	6.2.6.2.10	
26	STATION CONTROL & COMMUNICATION	1178 SF	1080 SF	1080 SF	6.2.6.2.3	
27	STATION COMPUTER ROOM	877 SF	525 SF	525 SF	6.2.6.2.4	
28	JANITOR	130 SF	110 SF	110 SF	6.2.6.2.16	
29	FUTURE ELEVATOR MACHINE ROOM	79 SF		TBD	6.2.5.2.4	
30	ELEVATOR MACHINE ROOM	79 SF		TBD	6.2.5.2.4	
31	STORAGE	130 SF	130 SF	130 SF	6.2.6.2.17	
32	JANITOR	166 SF	110 SF	110 SF	6.2.6.2.16	
33	FUTURE ELEV. MACH. ROOM	112 SF		TBD	6.2.5.2.4	
34	ELEV. MACH. ROOM	112 SF		TBD	6.2.5.2.4	
35	STORAGE	166 SF	130 SF	130 SF	6.2.6.2.17	
36	TRASH	343 SF	54 SF	54 SF	6.2.6.2.15	
37	LANDSCAPE	343 SF		TBD	6.2.6.2.18	
38	SIGNALING	372 SF		TBD	6.4.7	
39	TELECOM	372 SF		TBD	6.4.7	
40	STORAGE	258 SF	130 SF	130 SF	6.2.6.2.17	
41	JANITOR	258 SF	110 SF	110 SF	6.2.6.2.16	
42	WEST ENTRY	5295 SF	11115 SF	P15x30sf/person	6.2.3.2	
43	FIRE PROTECTION	524 SF		TBD	6.4.4	
44	ELECTRICAL	507 SF		TBD	6.4.2	
45	PLUMBING	495 SF		TBD	6.4.3	
46	MECHANICAL	479 SF		TBD	6.4.6	
47	EAST CONCOURSE	10466 SF	11117 SF	P15x30sqft	6.2.4.1	
48	PEDESTRIAN OVERCROSSING	6351 SF		TBD	6.2.4.1	
49	WEST CONCOURSE	11266 SF	11117 SF	P15x30sqft	6.2.4.1	
50	WAITING AREA	7342 SF	5187 SF	P15x14sqft or Pbmax x 10sqft or Pbmax x 10sqft	6.2.4.2	
51	WAITING AREA	7342 SF	5187 SF	P15x14sqft or Pbmax x 10sqft or Pbmax x 10sqft	6.2.4.2	

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. NAOR

DRAWN BY
D. BACKMAN

CHECKED BY
F. KING

IN CHARGE
E. NAOR

DATE
05/18/12

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 FRESNO SUBSECTION
 ALIGNMENT F1
 FRESNO STATION - MARIPOSA ALTERNATIVE
ROOM SCHEDULE

CONTRACT NO.
HSR 06-003

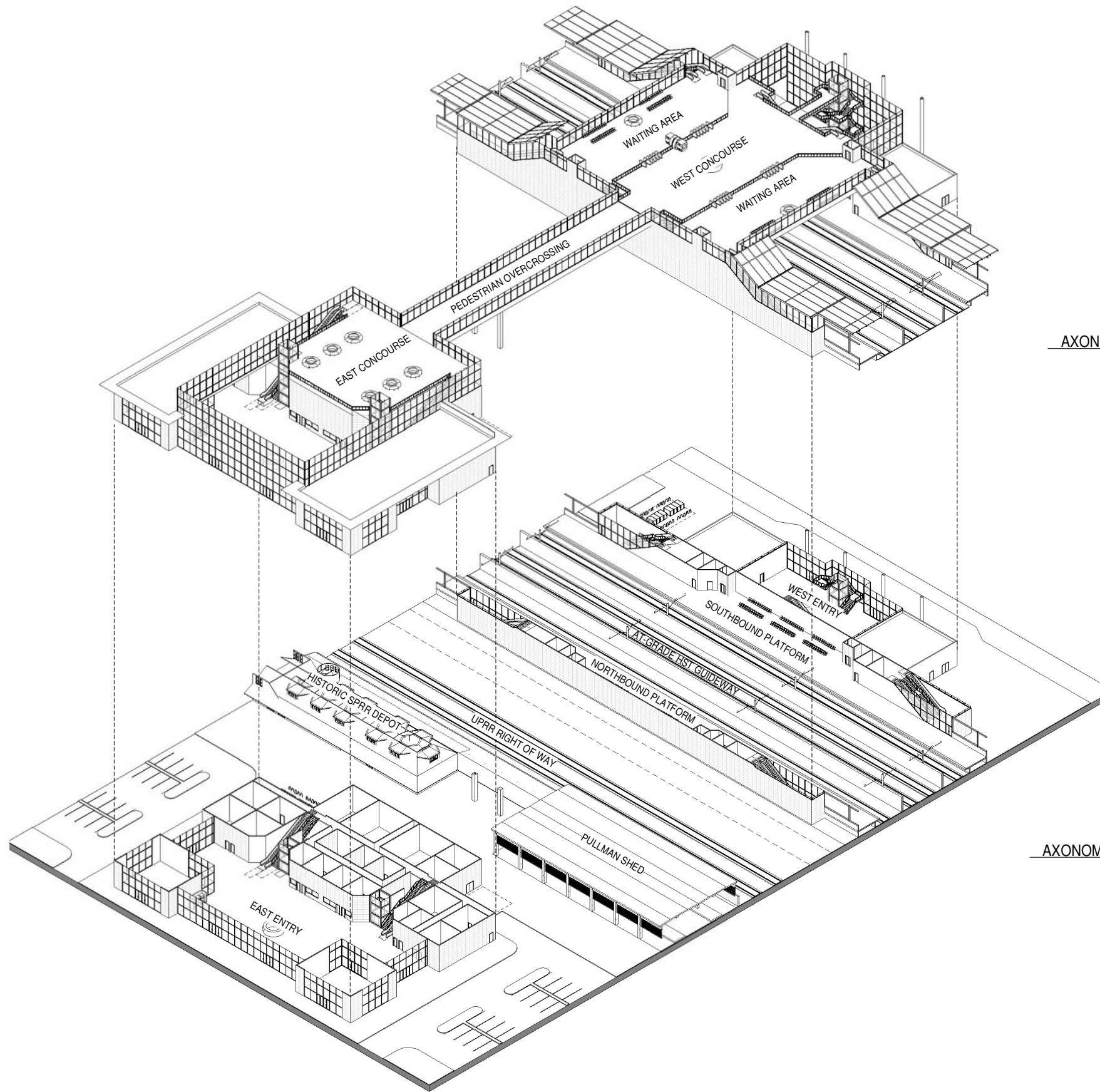
DRAWING NO.
A6101

SCALE

SHEET NO.
12 OF 15

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AXONOMETRIC VIEW - CONCOURSE 2
A9101

AXONOMETRIC VIEW - GROUND LEVEL 1
A9101

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E. NAOR
DATE
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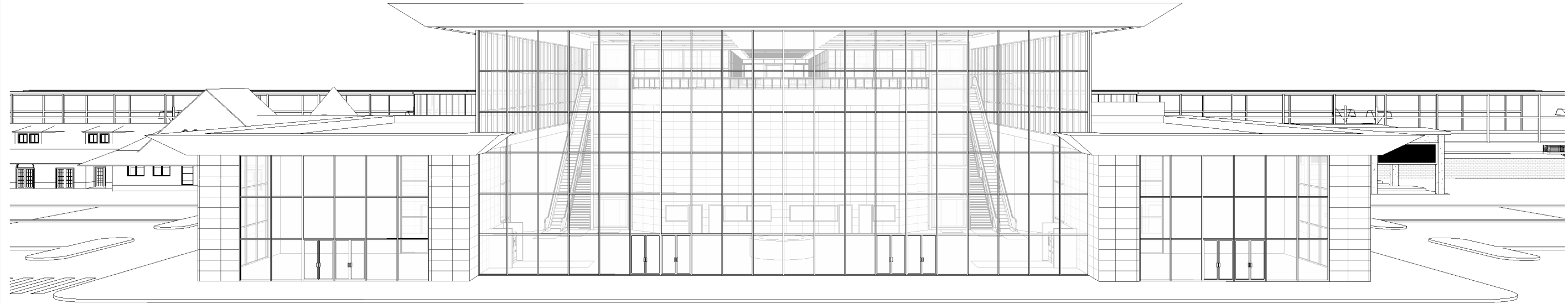
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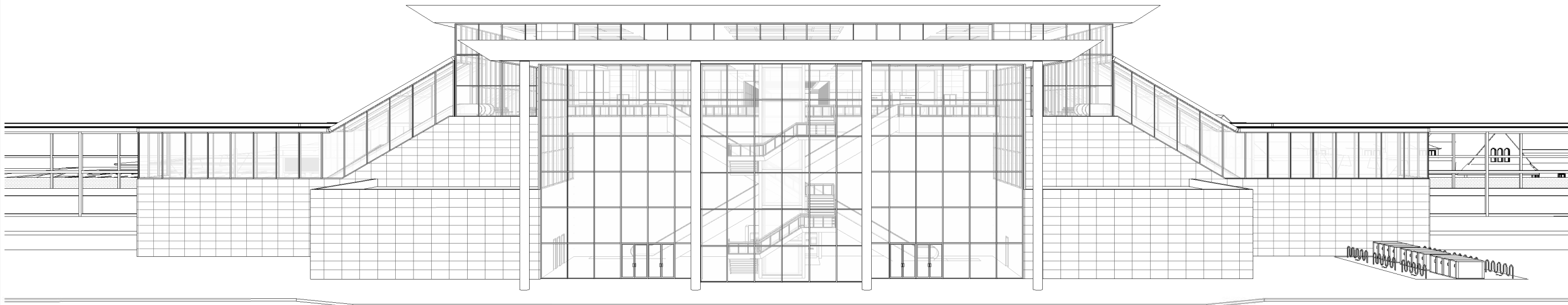


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
AXONOMETRIC VIEWS

CONTRACT NO.	HSR 06-003
DRAWING NO.	A9101
SCALE	
SHEET NO.	13 OF 15



3D VIEW OF EAST ELEVATION 1
A9102



3D VIEW OF WEST ELEVATION 2
A9102

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IN CHARGE
E. NAOR
DATE
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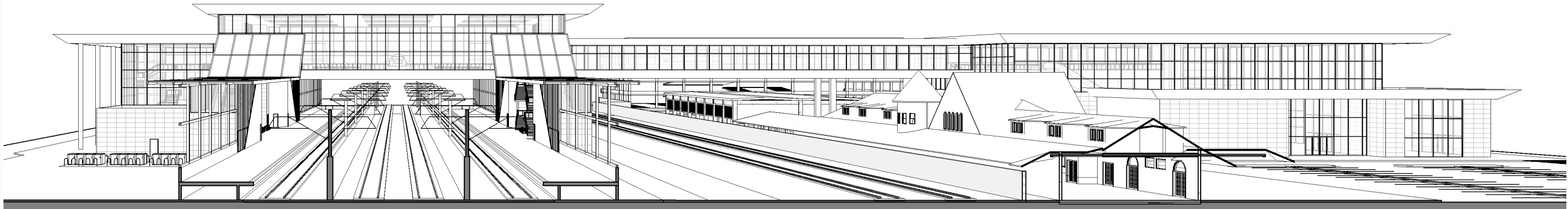
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DESIGN SUBMISSION**

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CONSTRUCTION**

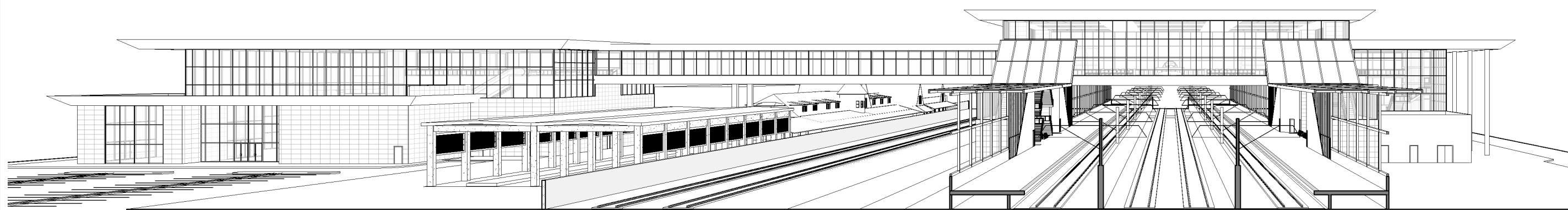


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-003
DRAWING NO.
A9102
SCALE
SHEET NO.
14 OF 15



3D VIEW OF SOUTH ELEVATION 1
A9103



3D VIEW OF NORTH ELEVATION 2
A9103

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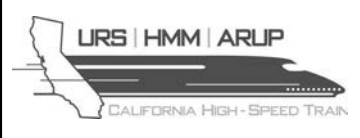
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. NAOR
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IN CHARGE
E. NAOR
DATE
05/18/12

**RECORD SET 15%
DESIGN SUBMISSION**

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CONSTRUCTION**

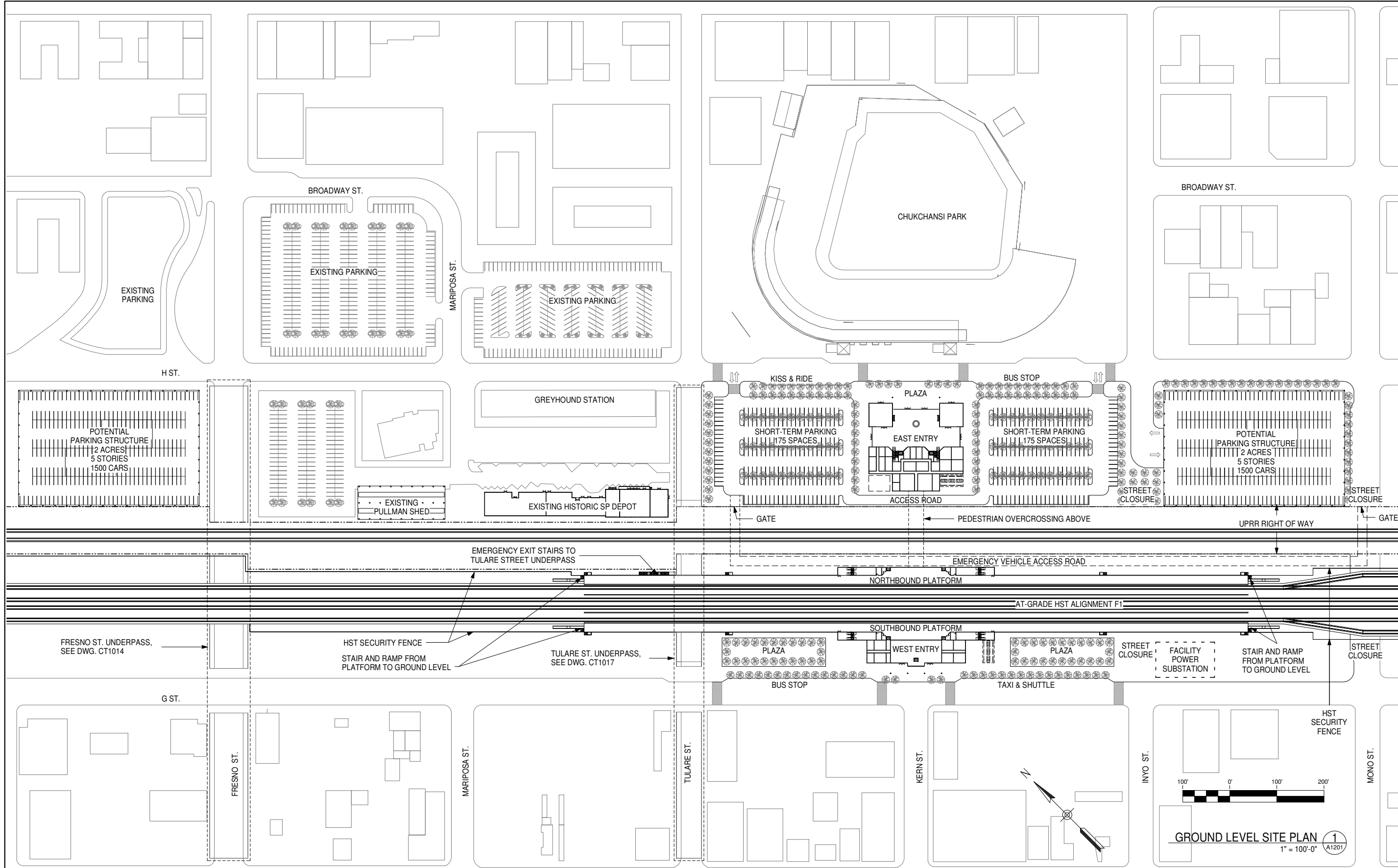


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - MARIPOSA ALTERNATIVE
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-003
DRAWING NO.
A9103
SCALE
SHEET NO.
15 OF 15

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GENERAL NOTES

STATION SITE = 13 ACRES
 (INCLUDES STATION BUILDING,
 BUS TRANSIT CENTER, SHORT-
 TERM PARKING AND KISS & RIDE)

POTENTIAL PARKING = 5.5 ACRES
 (3 PARKING STRUCTURES)

TOTAL = 18.5 ACRES

KEY NOTES

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. BACKMAN

DRAWN BY
D. BACKMAN

CHECKED BY
J. ANDERSON

IN CHARGE
E. NAOR

DATE
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 FRESNO SUBSECTION
 ALIGNMENT F1
 FRESNO STATION - KERN ALTERNATIVE
GROUND LEVEL SITE PLAN

CONTRACT NO.
HSR 06-003

DRAWING NO.
A1201

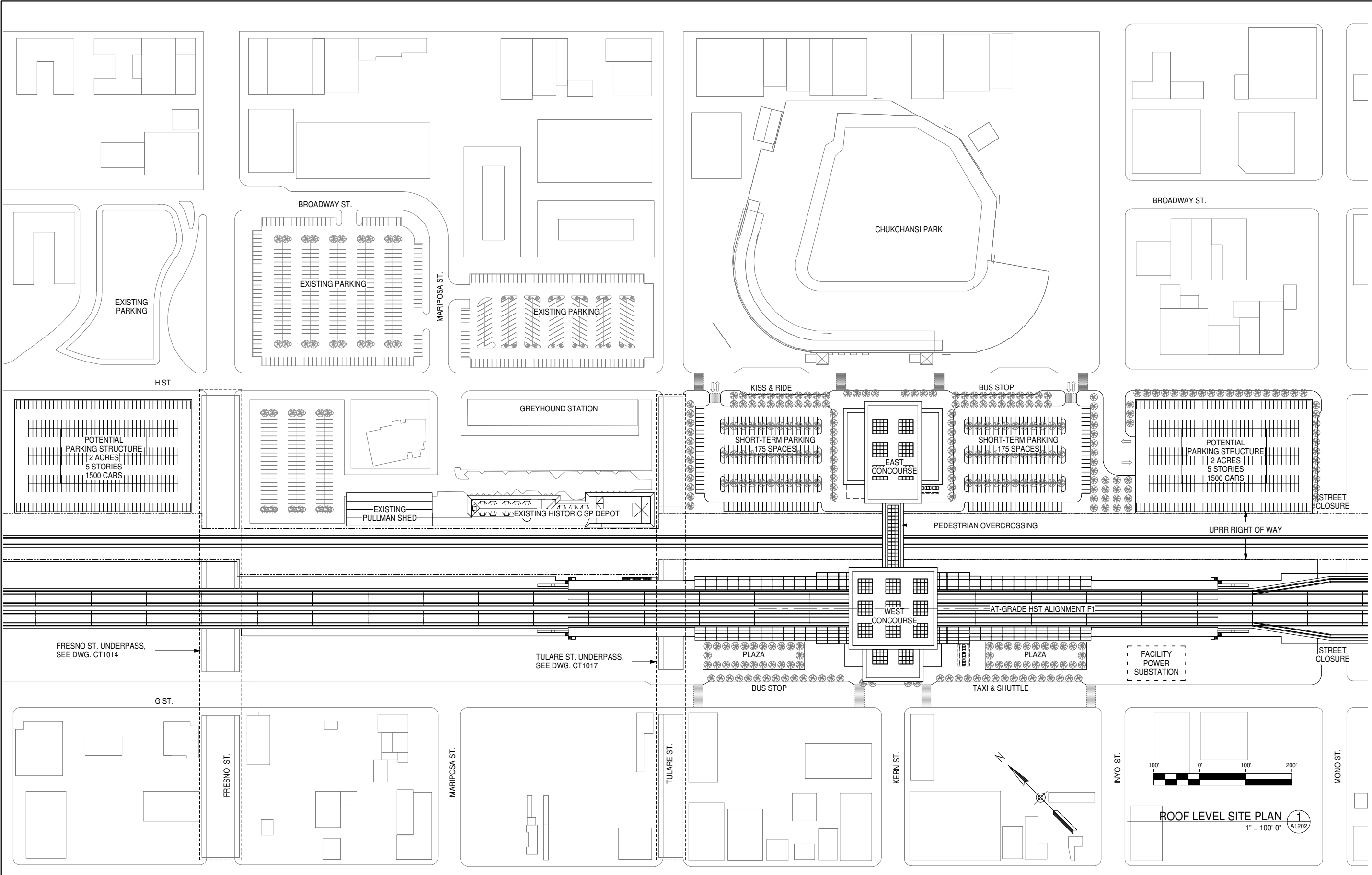
SCALE
1" = 100'-0"

SHEET NO.
1 OF 15

GROUND LEVEL SITE PLAN
 1
 A1201
 1" = 100'-0"

GENERAL NOTES

KEY NOTES



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E. NAOR
DATE
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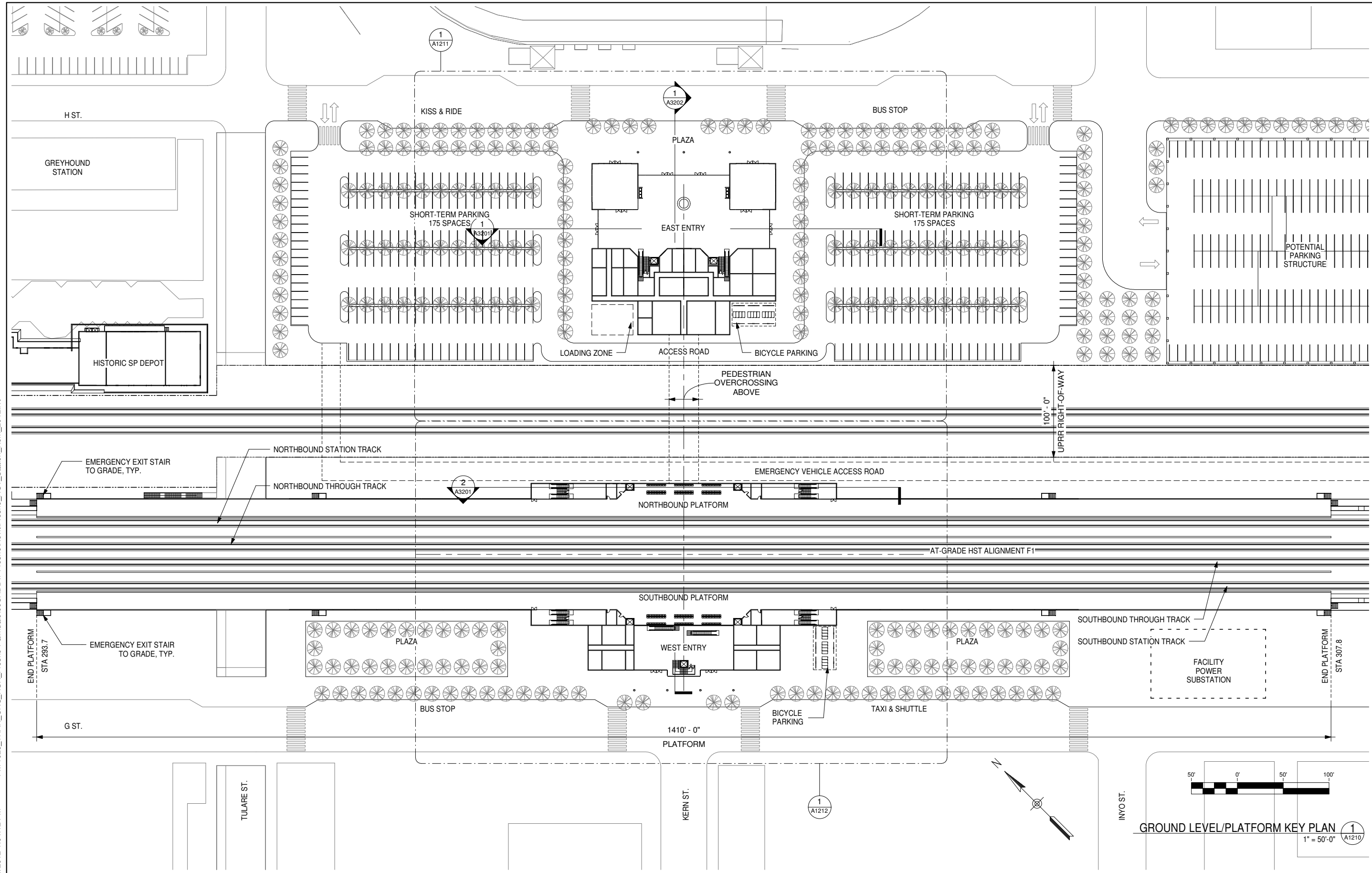


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 FRESNO SUBSECTION
 ALIGNMENT F1
 FRESNO STATION - KERN ALTERNATIVE
ROOF LEVEL SITE PLAN

CONTRACT NO.
HSR 06-003
DRAWING NO.
A1202
SCALE
1" = 100'-0"
SHEET NO.
2 OF 15

GENERAL NOTES

KEY NOTES



GROUND LEVEL/PLATFORM KEY PLAN
1" = 50'-0"
A1210

REV	DATE	BY	CHK	APP	DESCRIPTION

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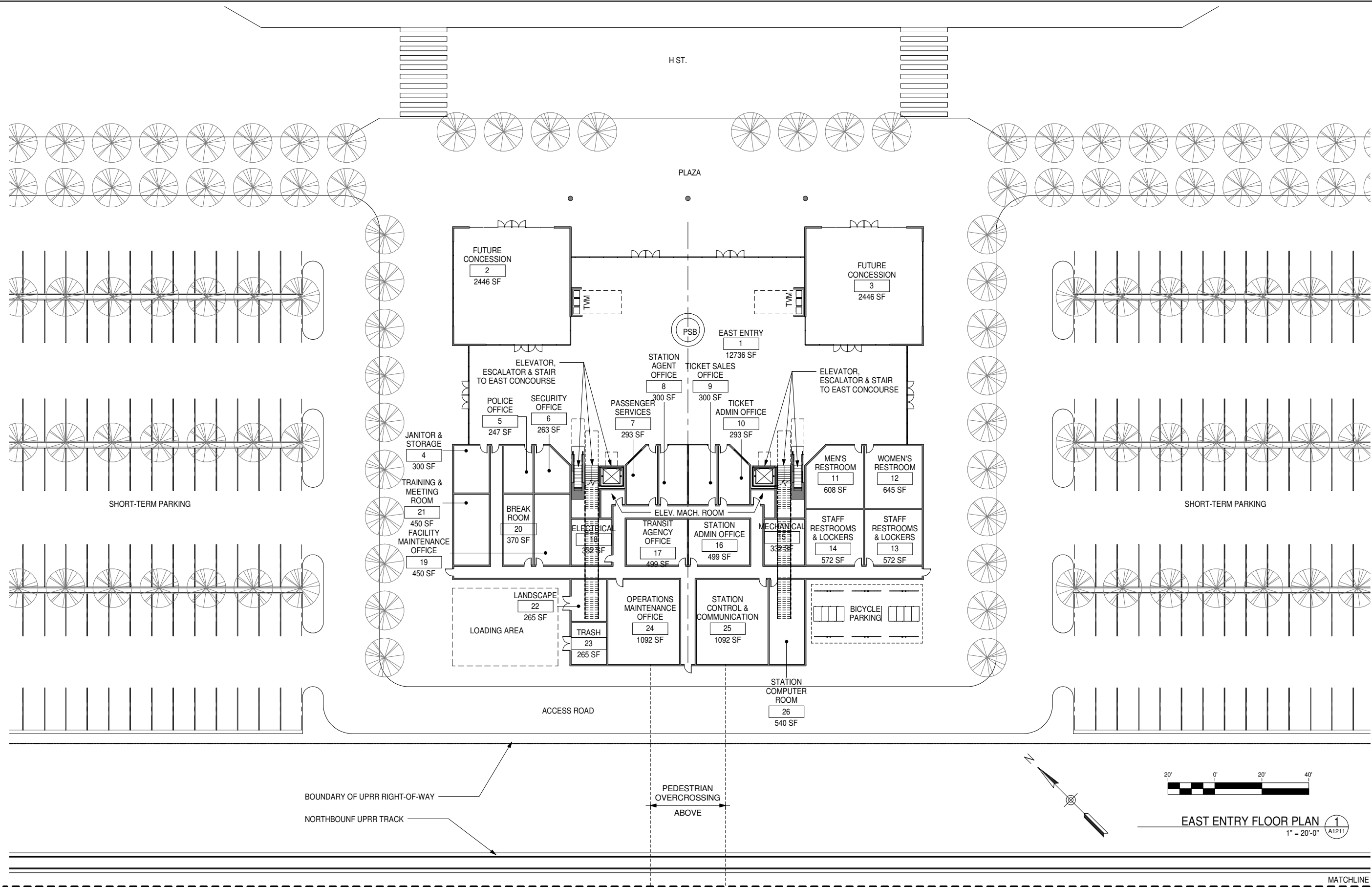
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - KERN ALTERNATIVE
GROUND LEVEL/PLATFORM KEY PLAN

CONTRACT NO.
HSR 06-003
DRAWING NO.
A1210
SCALE
1" = 50'-0"
SHEET NO.
3 OF 15

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GENERAL NOTES

KEY NOTES



EAST ENTRY FLOOR PLAN 1
1" = 20'-0" (A1211)

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REV	DATE	BY	CHK	APP	DESCRIPTION

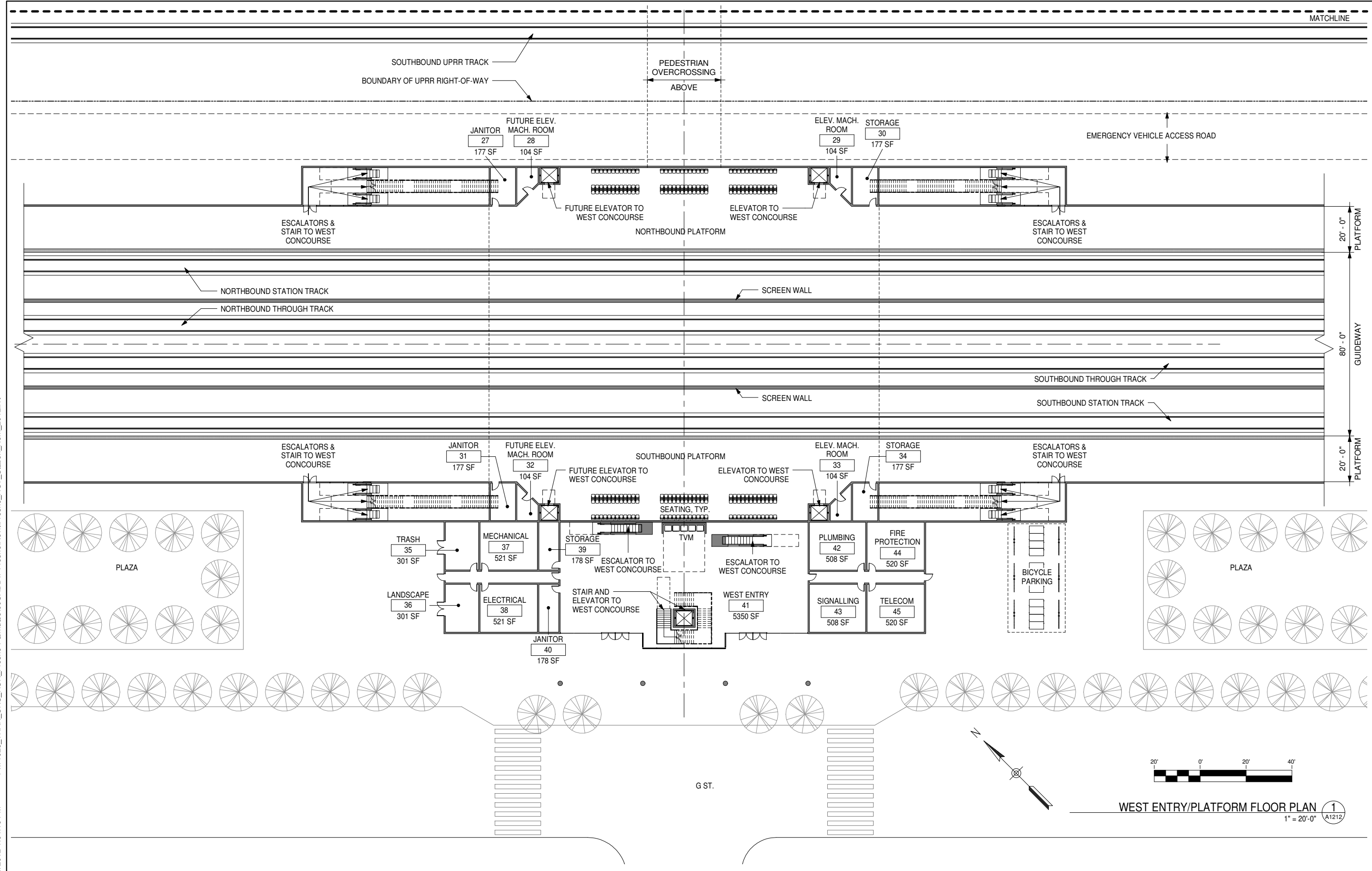
DESIGNED BY
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D. BACKMAN
CHECKED BY
J. ANDERSON
IN CHARGE
E. NAOR
DATE
06/08/12



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - KERN ALTERNATIVE
EAST ENTRY FLOOR PLAN

CONTRACT NO.
HSR 06-003
DRAWING NO.
A1211
SCALE
1" = 20'-0"
SHEET NO.
4 OF 15

GENERAL NOTES



KEY NOTES

WEST ENTRY/PLATFORM FLOOR PLAN 1
1" = 20'-0" A1212

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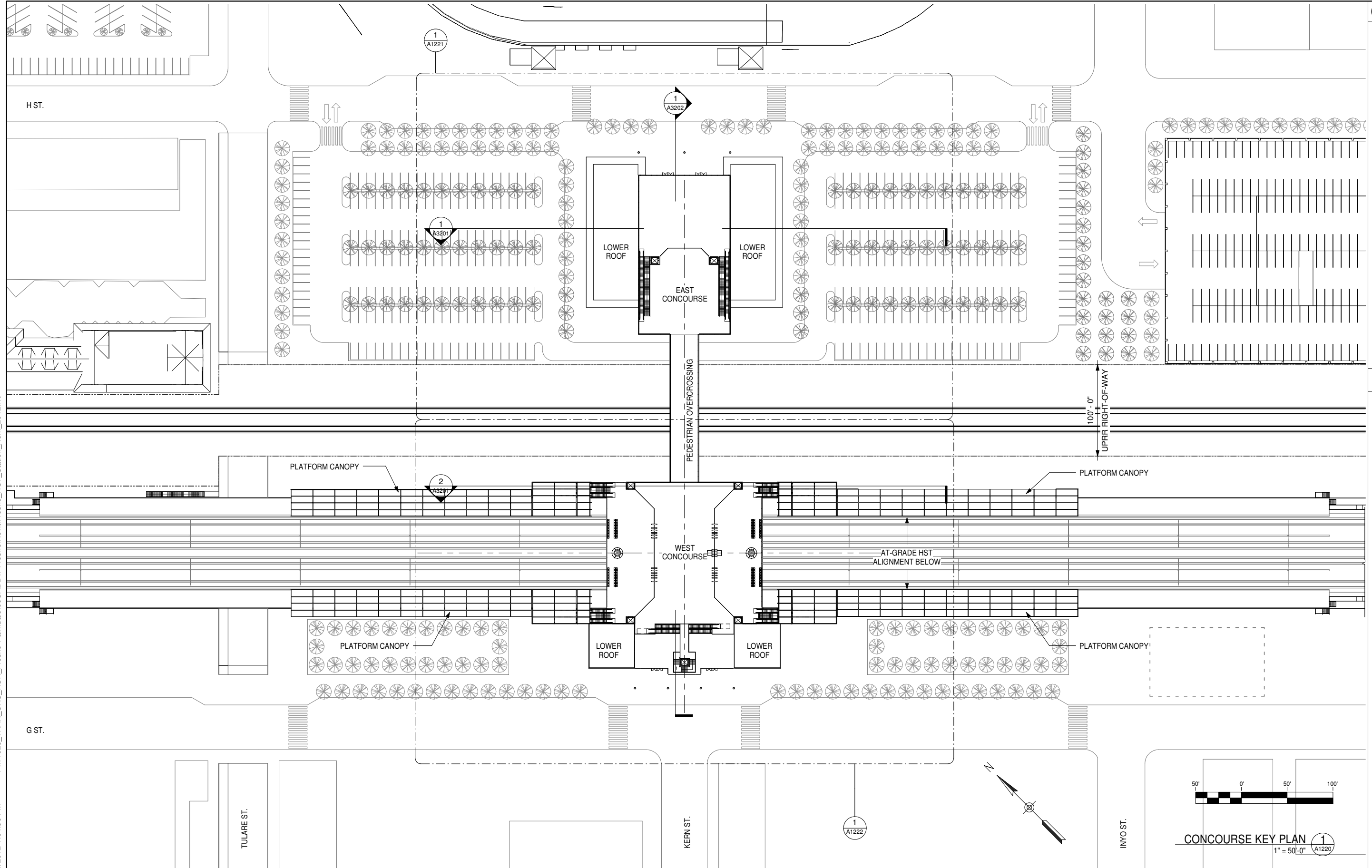


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - KERN ALTERNATIVE
WEST ENTRY/PLATFORM FLOOR PLAN

CONTRACT NO.
HSR 06-003
DRAWING NO.
A1212
SCALE
1" = 20'-0"
SHEET NO.
5 OF 15

GENERAL NOTES

KEY NOTES



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D. BACKMAN
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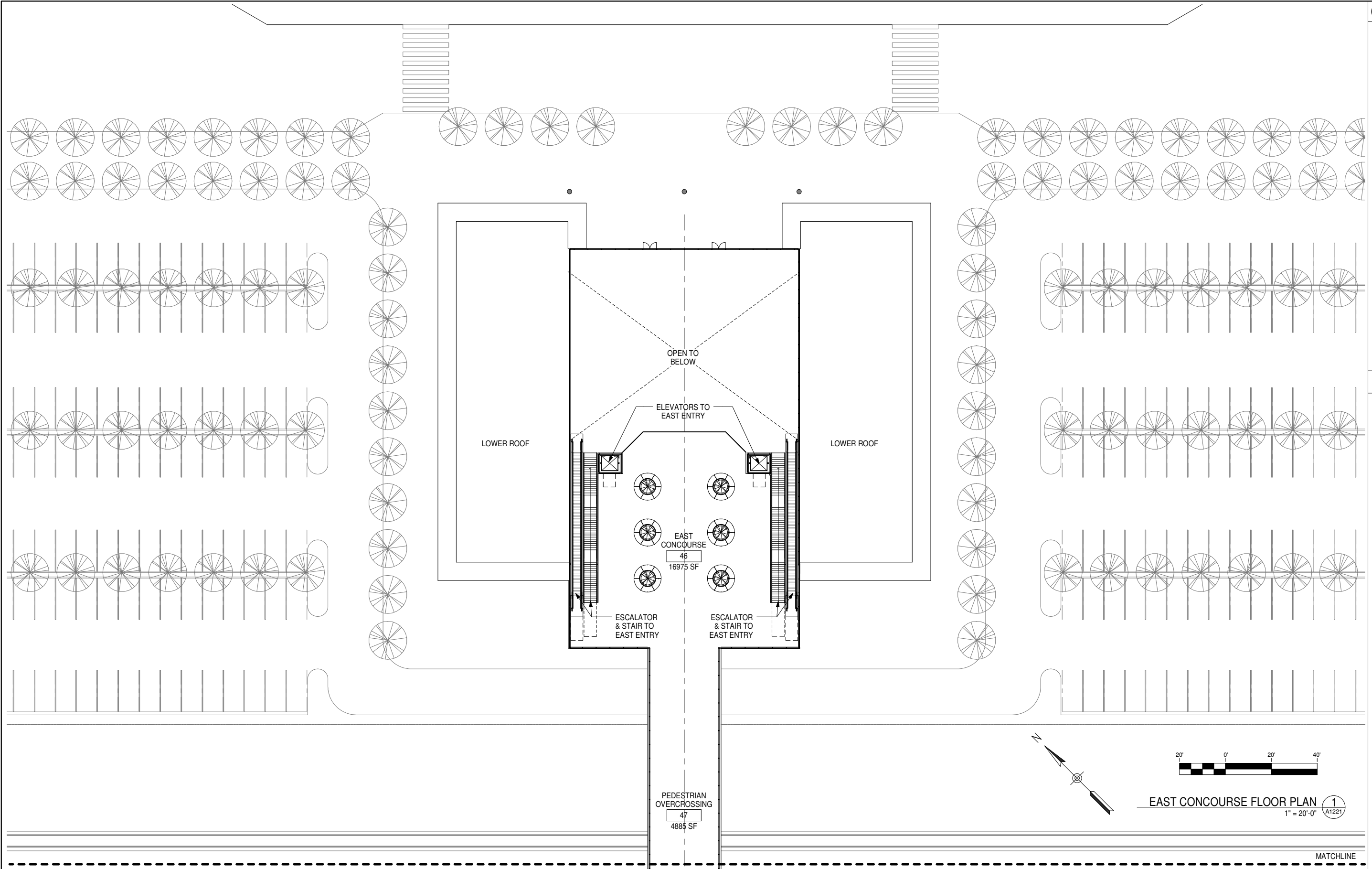


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 FRESNO SUBSECTION
 ALIGNMENT F1
 FRESNO STATION - KERN ALTERNATIVE
CONCOURSE KEY PLAN

CONTRACT NO.
HSR 06-003
DRAWING NO.
A1220
SCALE
1" = 50'-0"
SHEET NO.
6 OF 15

GENERAL NOTES

KEY NOTES



EAST CONCOURSE FLOOR PLAN 1
1" = 20'-0" A1221

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D. BACKMAN
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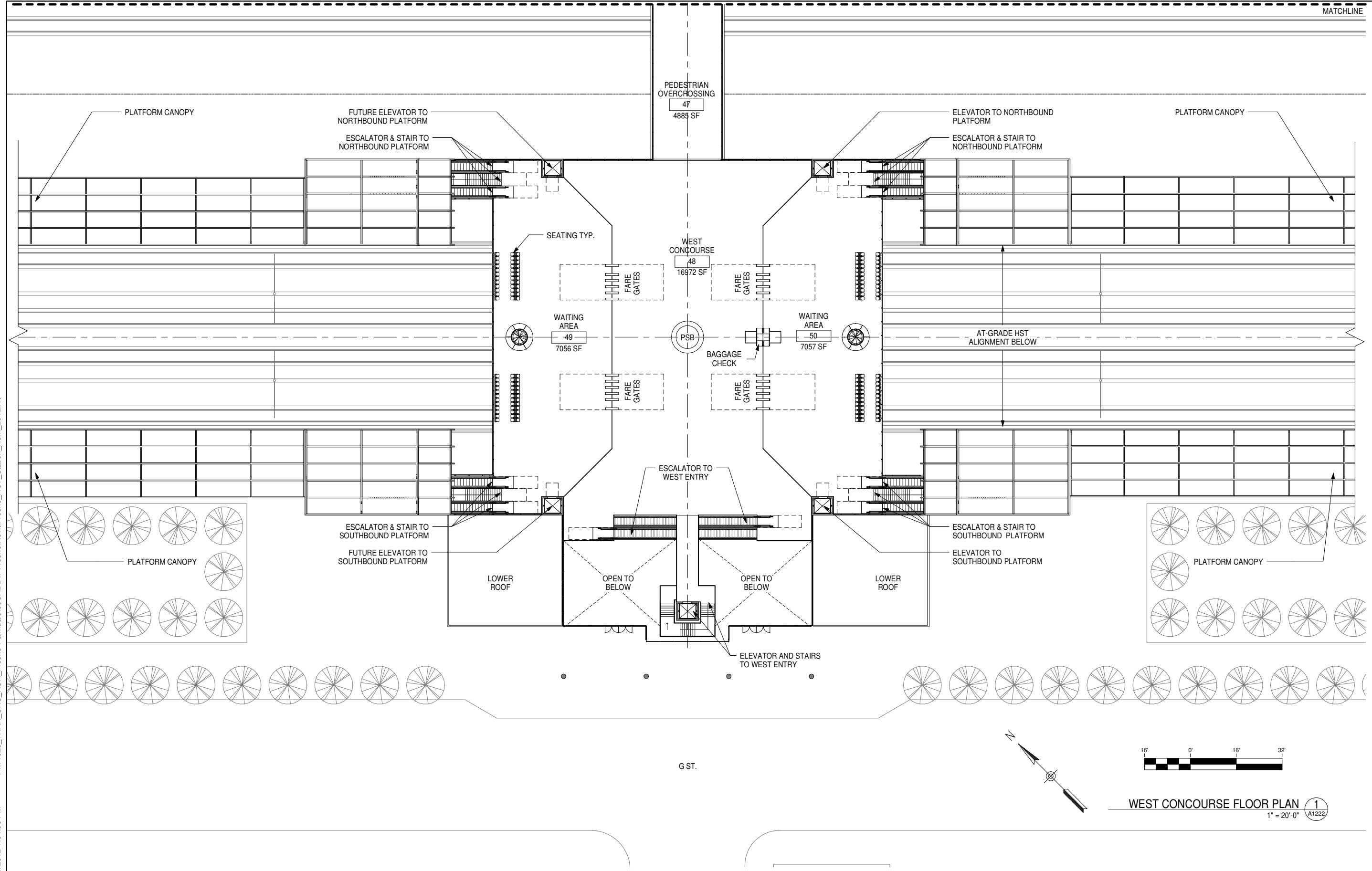


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - KERN ALTERNATIVE
EAST CONCOURSE FLOOR PLAN

CONTRACT NO.
HSR 06-003
DRAWING NO.
A1221
SCALE
1" = 20'-0"
SHEET NO.
7 OF 15

MATCHLINE

GENERAL NOTES



KEY NOTES

WEST CONCOURSE FLOOR PLAN 1
1" = 20'-0" A1222

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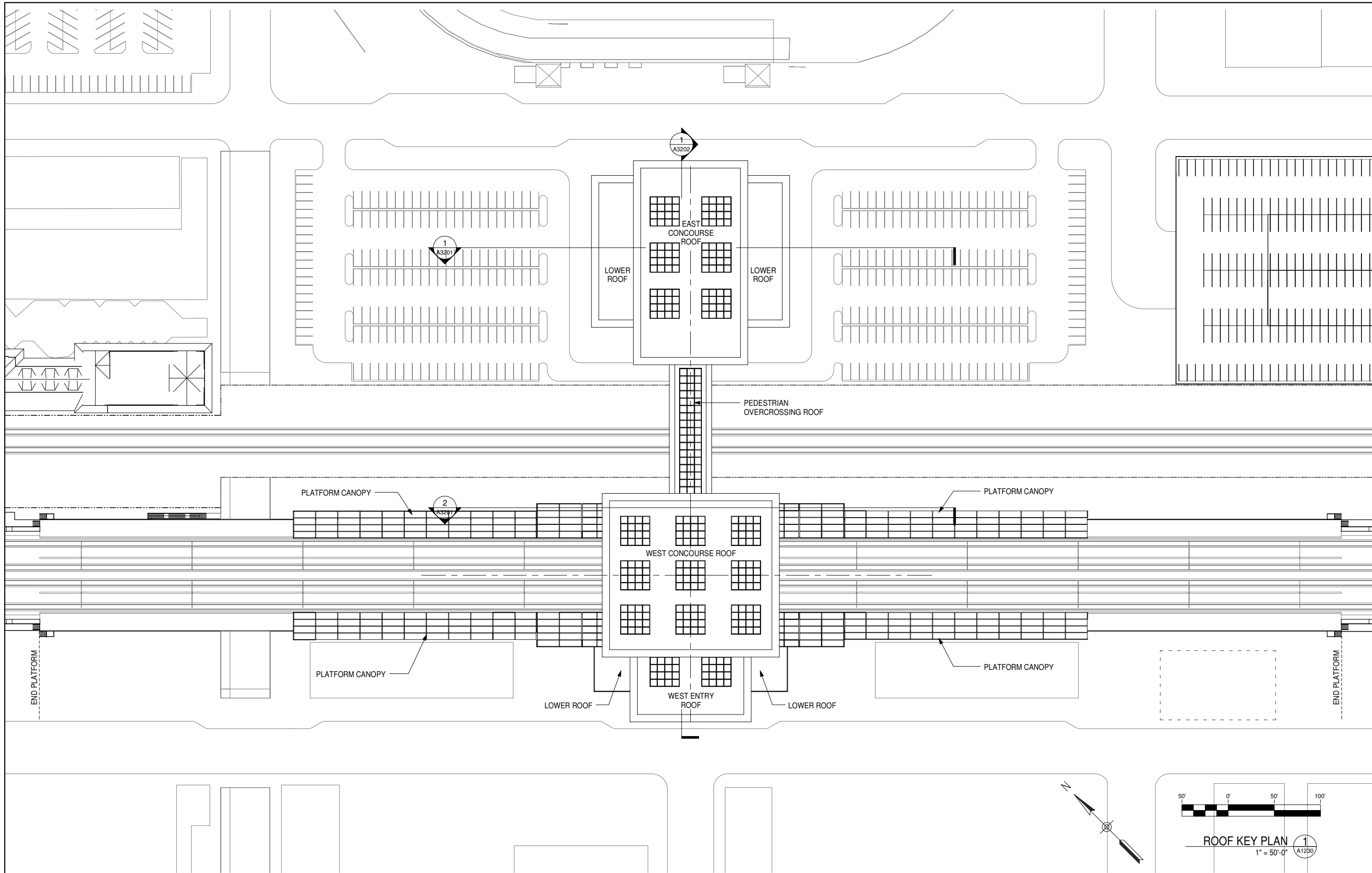


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 FRESNO SUBSECTION
 ALIGNMENT F1
 FRESNO STATION - KERN ALTERNATIVE
WEST CONCOURSE FLOOR PLAN

CONTRACT NO.
HSR 06-003
DRAWING NO.
A1222
SCALE
1" = 20'-0"
SHEET NO.
8 OF 15

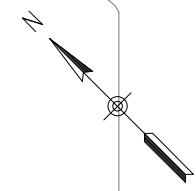
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GENERAL NOTES

KEY NOTES



ROOF KEY PLAN 1
1" = 50'-0" A1230

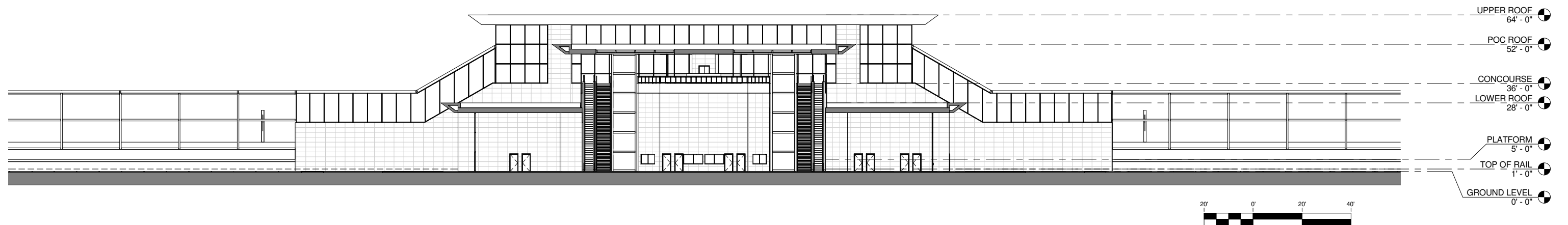
REV	DATE	BY	CHK	APP	DESCRIPTION

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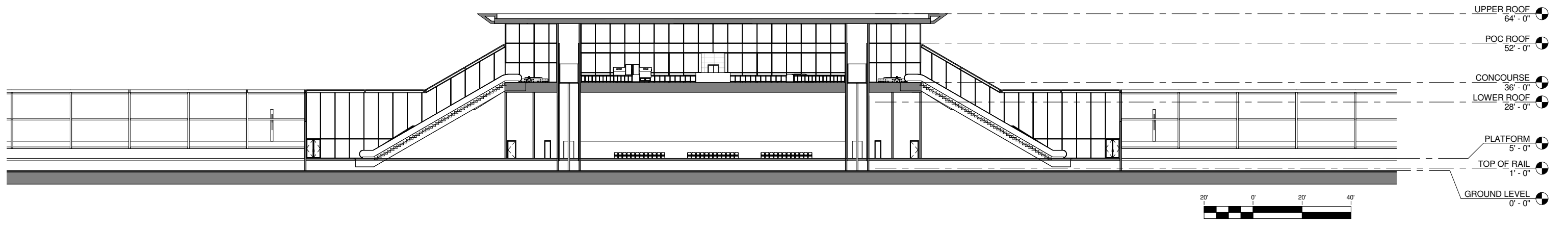


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - KERN ALTERNATIVE
ROOF KEY PLAN

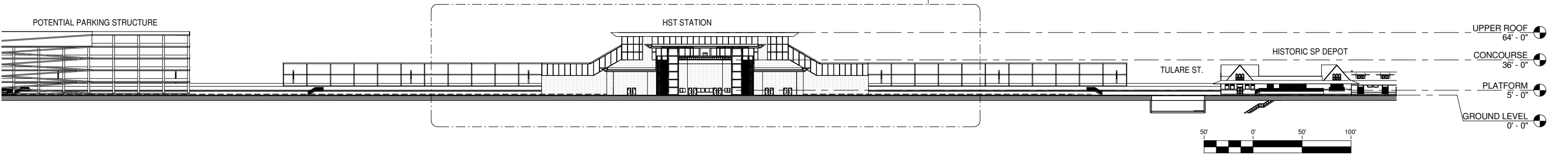
CONTRACT NO.
HSR 06-003
DRAWING NO.
A1230
SCALE
1" = 50'-0"
SHEET NO.
9 OF 15



LONGITUDINAL SECTION @ EAST ENTRY 1
1" = 20'-0" A3201



LONGITUDINAL SECTION @ PLATFORM ACCESS 2
1" = 20'-0" A3201



KEY LONGITUDINAL SECTION 3
1" = 50'-0" A3201

GENERAL NOTES

KEY NOTES

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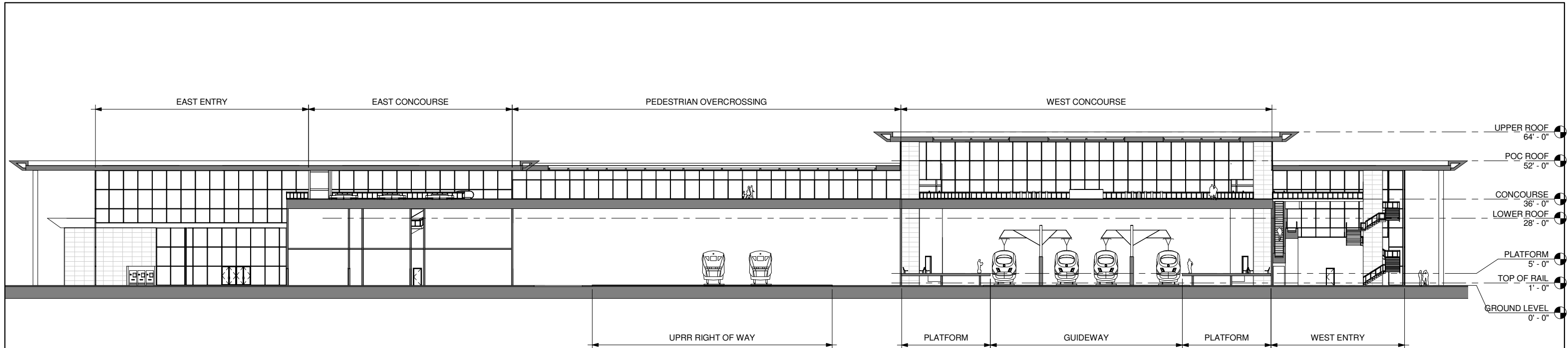


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - KERN ALTERNATIVE
BUILDING SECTIONS

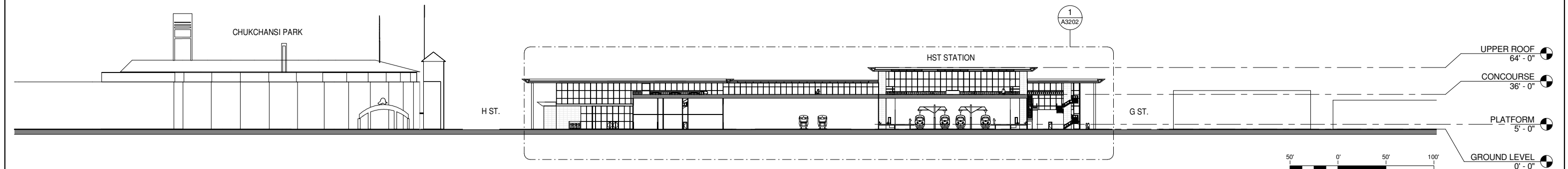
CONTRACT NO.
HSR 06-003
DRAWING NO.
A3201
SCALE
As indicated
SHEET NO.
10 OF 15

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TRANSVERSE SECTION @ CONCOURSE 1
1" = 20'-0" A3202



KEY TRANSVERSE SECTION 2
1" = 50'-0" A3202

GENERAL NOTES

KEY NOTES

REV	DATE	BY	CHK	APP	DESCRIPTION

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D. BACKMAN
CHECKED BY
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IN CHARGE
E. NAOR
DATE
06/08/12



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - KERN ALTERNATIVE
BUILDING SECTIONS

CONTRACT NO.
HSR 06-003
DRAWING NO.
A3202
SCALE
As indicated
SHEET NO.
11 OF 15

ROOM SCHEDULE

NO.	ROOM NAME	AREA	REQUIRED AREA	FORMULA	TM 2.2.2	COMMENTS
1	EAST ENTRY	12736 SF	11115 SF	P15x30sf/person		6.2.3.2
2	FUTURE CONCESSION	2446 SF		Not specified in Technical Memorandum 2.2.2		6.2.3.6
3	FUTURE CONCESSION	2446 SF		Not specified in Technical Memorandum 2.2.2		6.2.3.6
4	JANITOR & STORAGE	300 SF	110 SF	110 SF x 3		6.2.6.2.16
5	POLICE OFFICE	247 SF	160 SF	160 SF		6.2.6.2.8
6	SECURITY OFFICE	263 SF	160 SF	160 SF		6.2.6.2.7
7	PASSENGER SERVICES	293 SF	160 SF	160 SF		6.2.6.1.3
8	STATION AGENT OFFICE	300 SF	270 SF	270 SF		6.2.6.1.5
9	TICKET SALES OFFICE	300 SF	143 SF	(((P60bx.15)/(1.5 x 60)) x 75) sqft		6.2.6.1.1
10	TICKET ADMIN OFFICE	293 SF	160 SF	160 SF		6.2.6.2.6
11	MEN'S RESTROOM	608 SF	371 SF	P15		6.2.3.5
12	WOMEN'S RESTROOM	645 SF	371 SF	P15		6.2.3.5
13	STAFF RESTROOMS & LOCKERS	572 SF		Local Codes		6.2.6.12/13
14	STAFF RESTROOMS & LOCKERS	572 SF		Local Codes		6.2.6.12/13
15	MECHANICAL	332 SF		TBD		6.4.6
16	STATION ADMIN OFFICE	499 SF		(((65sqft x staff with own workspace) + (43sqft x staff with shared workspace))x1.25		6.2.6.2.1
17	TRANSIT AGENCY OFFICE	499 SF		Based on Demand		6.2.6.11
18	ELECTRICAL	332 SF		TBD		6.4.2
19	FACILITY MAINTENANCE OFFICE	450 SF	325 SF	325 SF		6.2.6.2.9
20	BREAK ROOM	370 SF	125 SF	(20sqft x .25 x max staff per shift x 1.25)		6.2.6.2.14
21	TRAINING & MEETING ROOM	450 SF	500 SF	(20sqft x max staff per shift x 1.25)		6.2.6.2.2
22	LANDSCAPE	265 SF		TBD		6.2.6.2.18
23	TRASH	265 SF	54 SF	54 SF		6.2.6.2.15
24	OPERATIONS MAINTENANCE OFFICE	1092 SF	1080 SF	1080 SF		6.2.6.2.10
25	STATION CONTROL & COMMUNICATION	1092 SF	1080 SF	1080 SF		6.2.6.2.3
26	STATION COMPUTER ROOM	540 SF	525 SF	525.00 SF		6.2.6.2.4
27	JANITOR	177 SF	110 SF	110 SF		6.2.6.2.16
28	FUTURE ELEV. MACH. ROOM	104 SF		TBD		6.2.5.2.4
29	ELEV. MACH. ROOM	104 SF		TBD		6.2.5.2.4
30	STORAGE	177 SF	130 SF	130 SF		6.2.6.2.17
31	JANITOR	177 SF	110 SF	110 SF		6.2.6.2.16
32	FUTURE ELEV. MACH. ROOM	104 SF		TBD		6.2.5.2.4
33	ELEV. MACH. ROOM	104 SF		TBD		6.2.5.2.4
34	STORAGE	177 SF	130 SF	130 SF		6.2.6.2.17
35	TRASH	301 SF	54 SF	54 SF		6.2.6.2.15
36	LANDSCAPE	301 SF		TBD		6.2.6.2.18
37	MECHANICAL	521 SF		TBD		6.4.6
38	ELECTRICAL	521 SF		TBD		6.4.2
39	STORAGE	178 SF		TBD		6.2.6.2.17
40	JANITOR	178 SF	110 SF	110 SF		6.2.6.2.16
41	WEST ENTRY	5350 SF	11115 SF	P15x30sf/person		6.2.3.2
42	PLUMBING	508 SF		TBD		6.4.3
43	SIGNALLING	508 SF		TBD		6.4.7
44	FIRE PROTECTION	520 SF		TBD		6.4.4
45	TELECOM	520 SF		TBD		6.4.7
46	EAST CONCOURSE	16975 SF		TBD		6.2.3.2
47	PEDESTRIAN OVERCROSSING	4885 SF		TBD		6.2.3.2
48	WEST CONCOURSE	16972 SF	11117 SF	P15x30sqft		6.2.4.1
49	WAITING AREA	7056 SF	5187 SF	P15x14sqft or Pbxmax x 10sqft or Pbxmax x 10sqft		6.2.4.2
50	WAITING AREA	7057 SF	5187 SF	P15x14sqft or Pbxmax x 10sqft or Pbxmax x 10sqft		6.2.4.2

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. BACKMAN

DRAWN BY
D. BACKMAN

CHECKED BY
J. ANDERSON

IN CHARGE
E. NAOR

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06/08/12

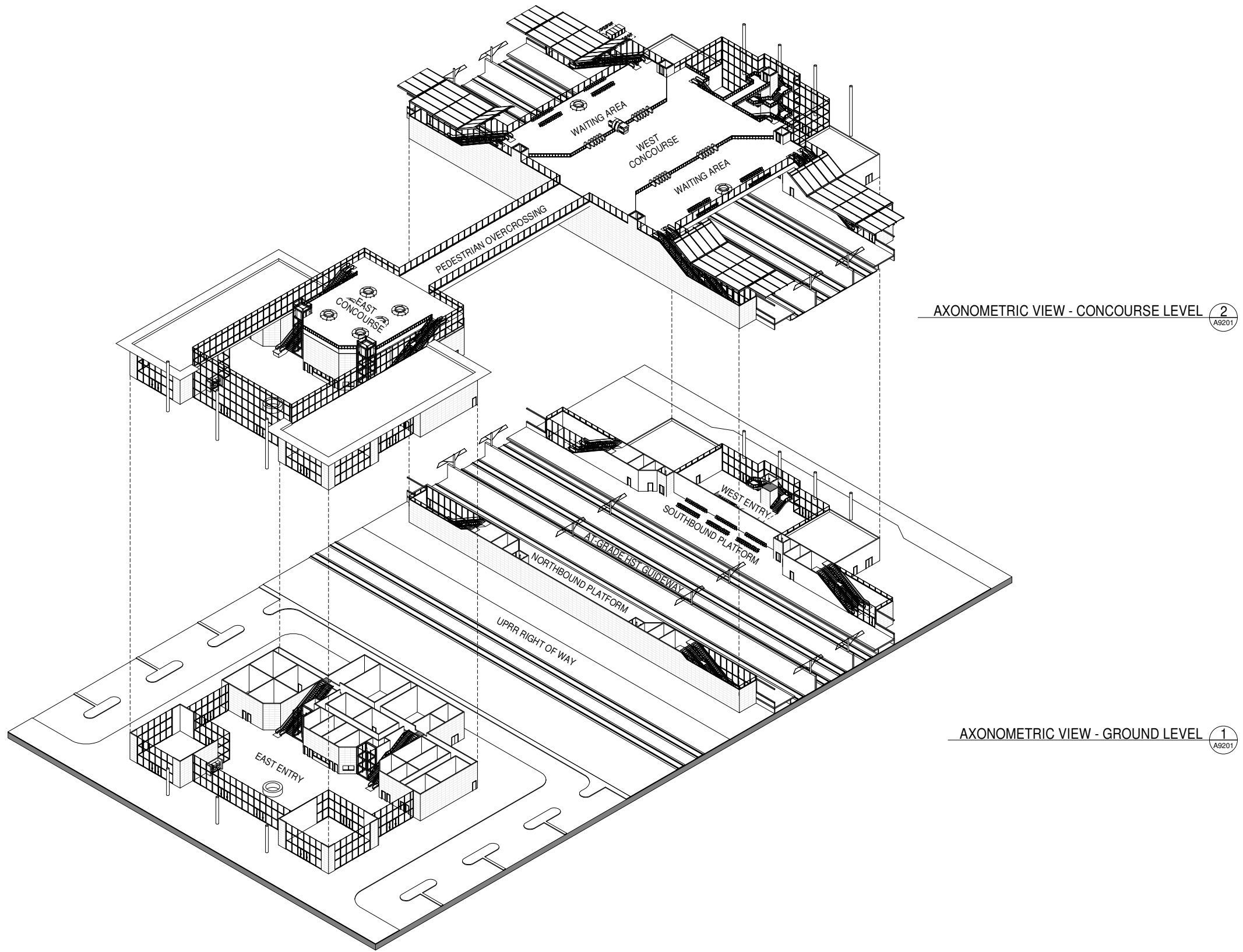


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 FRESNO SUBSECTION
 ALIGNMENT F1
 FRESNO STATION - KERN ALTERNATIVE
ROOM SCHEDULE

CONTRACT NO.	HSR 06-003
DRAWING NO.	A6201
SCALE	
SHEET NO.	12 OF 15

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AXONOMETRIC VIEW - CONCOURSE LEVEL 2
A9201

AXONOMETRIC VIEW - GROUND LEVEL 1
A9201

REV	DATE	BY	CHK	APP	DESCRIPTION

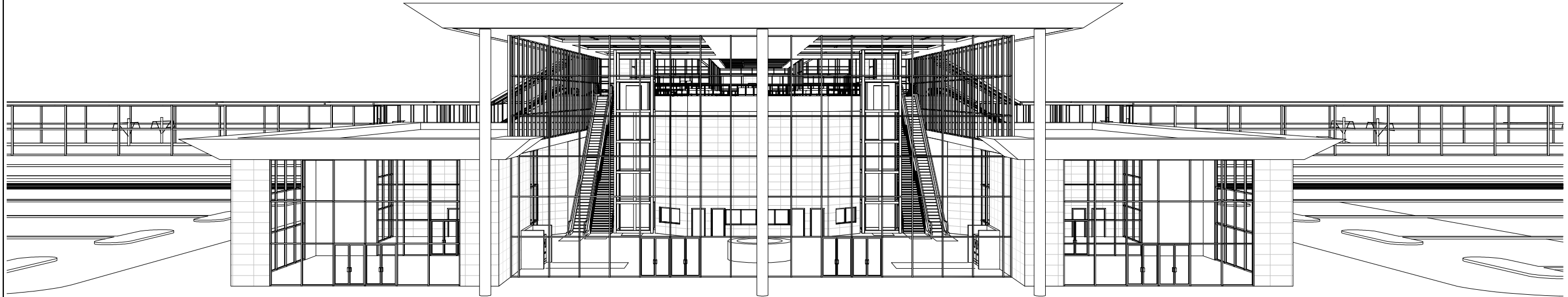
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
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 ALIGNMENT F1
 FRESNO STATION - KERN ALTERNATIVE
AXONOMETRIC VIEWS

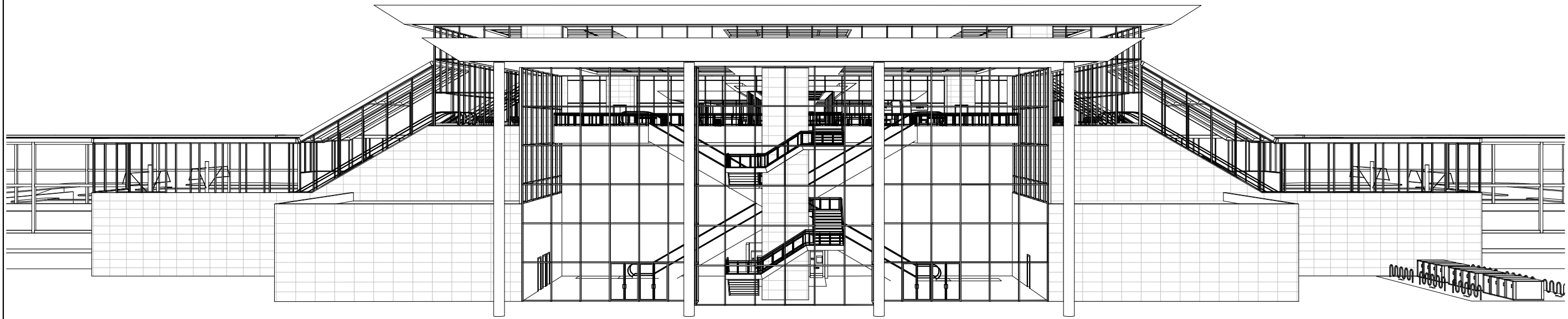
CONTRACT NO.	HSR 06-003
DRAWING NO.	A9201
SCALE	
SHEET NO.	13 OF 15

GENERAL NOTES



3D VIEW OF EAST ELEVATION 1
A9202

KEY NOTES



3D VIEW OF WEST ELEVATION 2
A9202

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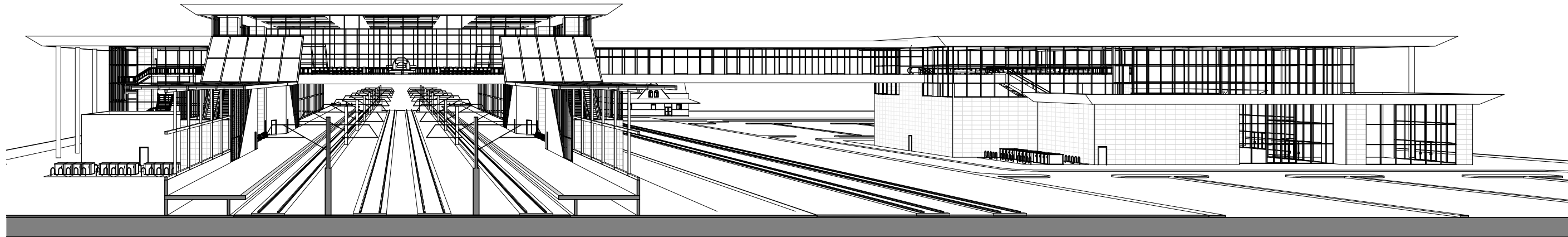
REV	DATE	BY	CHK	APP	DESCRIPTION

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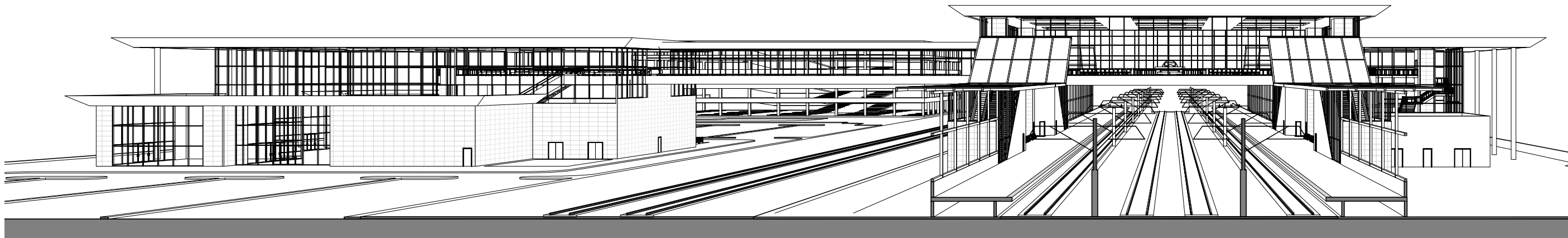


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 FRESNO SUBSECTION
 ALIGNMENT F1
 FRESNO STATION - KERN ALTERNATIVE
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-003
DRAWING NO.
A9202
SCALE
SHEET NO.
14 OF 15



3D VIEW OF SOUTH ELEVATION 1
A9203



3D VIEW OF NORTH ELEVATION 2
A9203

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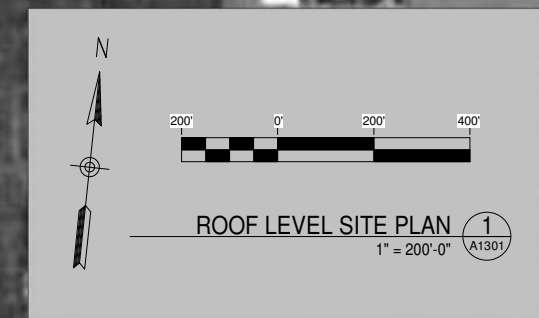


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO SUBSECTION
ALIGNMENT F1
FRESNO STATION - KERN ALTERNATIVE
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-003
DRAWING NO.
A9203
SCALE
SHEET NO.
15 OF 15

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GENERAL NOTES

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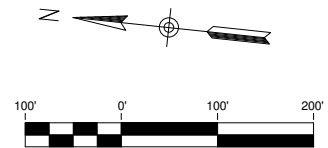
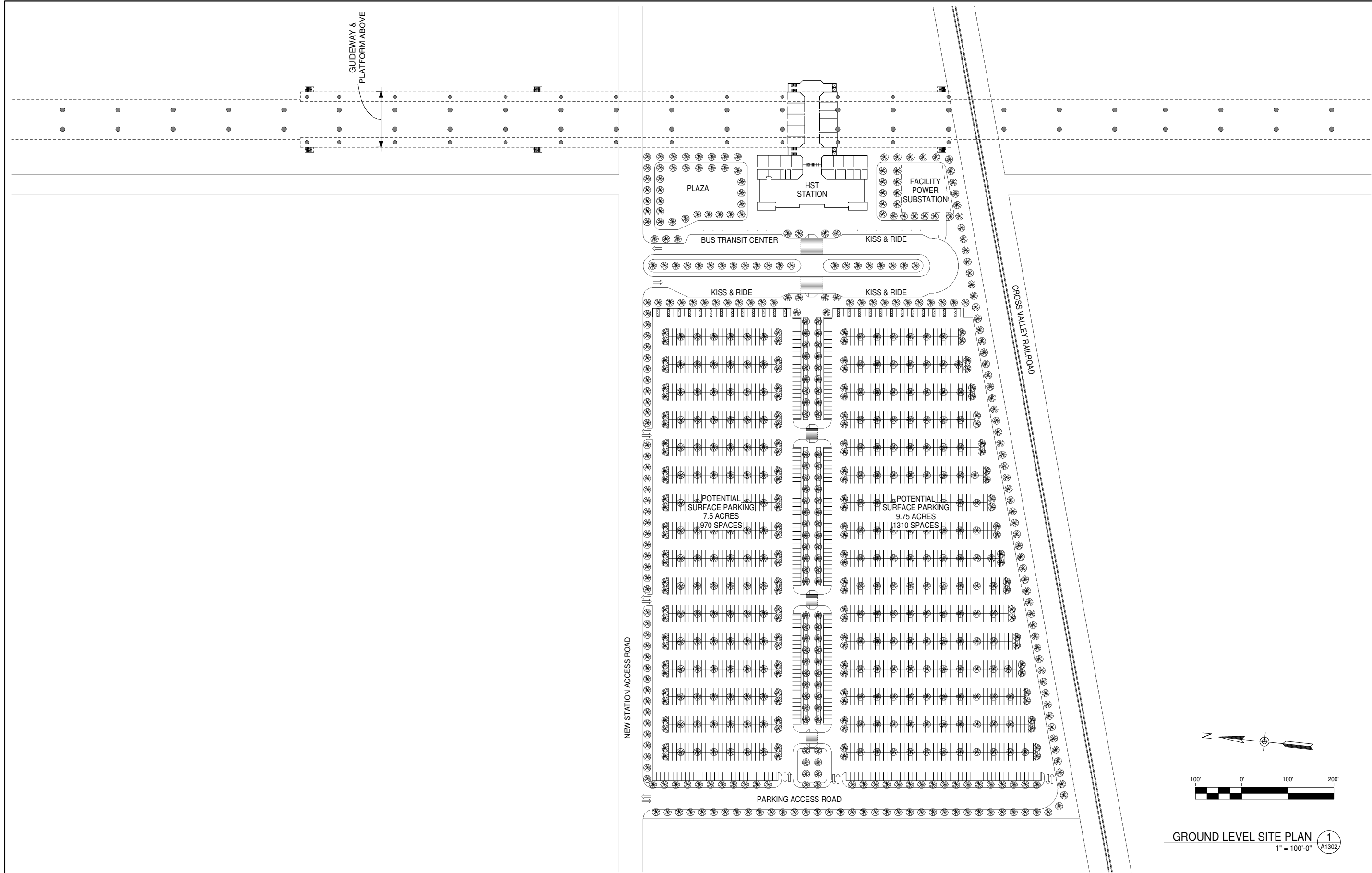
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
ROOF LEVEL SITE PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1301
SCALE
1" = 200'-0"
SHEET NO.
1 OF 13



GROUND LEVEL SITE PLAN 1
1" = 100'-0" A1302

GENERAL NOTES

KEY NOTES

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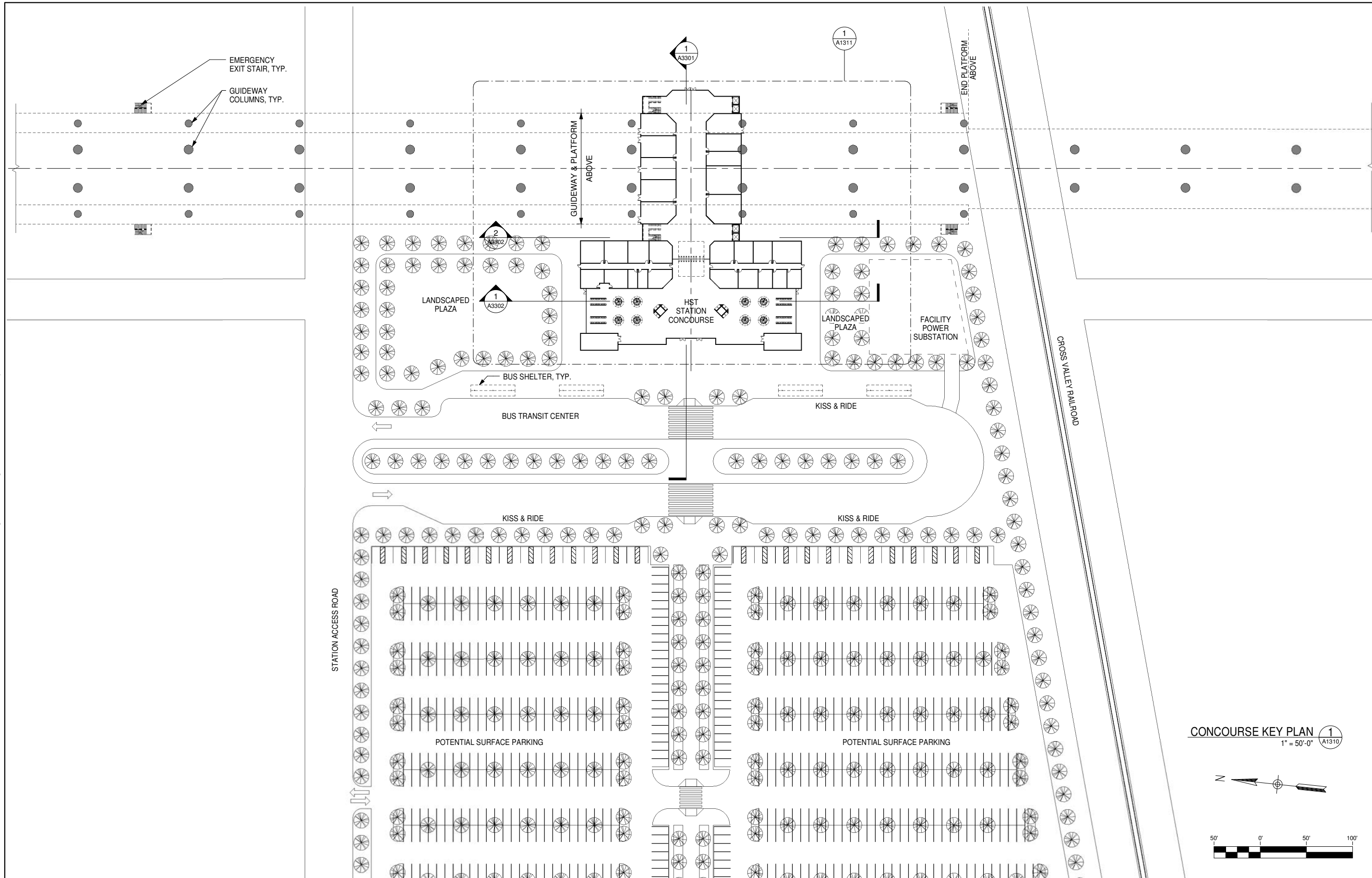


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FRESNO TO BAKERSFIELD**
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
GROUND LEVEL SITE PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1302
SCALE
1" = 100'-0"
SHEET NO.
2 OF 13

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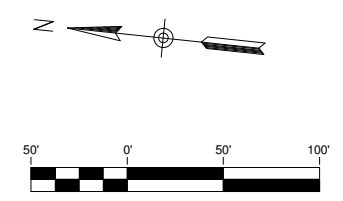
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GENERAL NOTES

KEY NOTES

CONCOURSE KEY PLAN 1
1" = 50'-0" A1310



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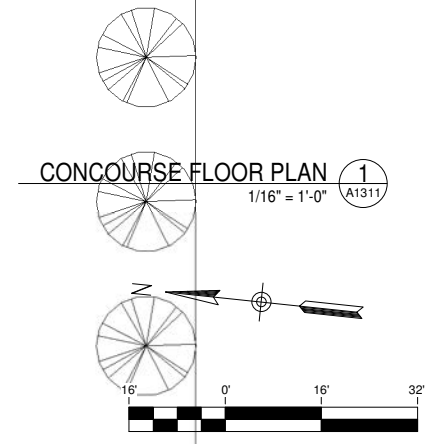
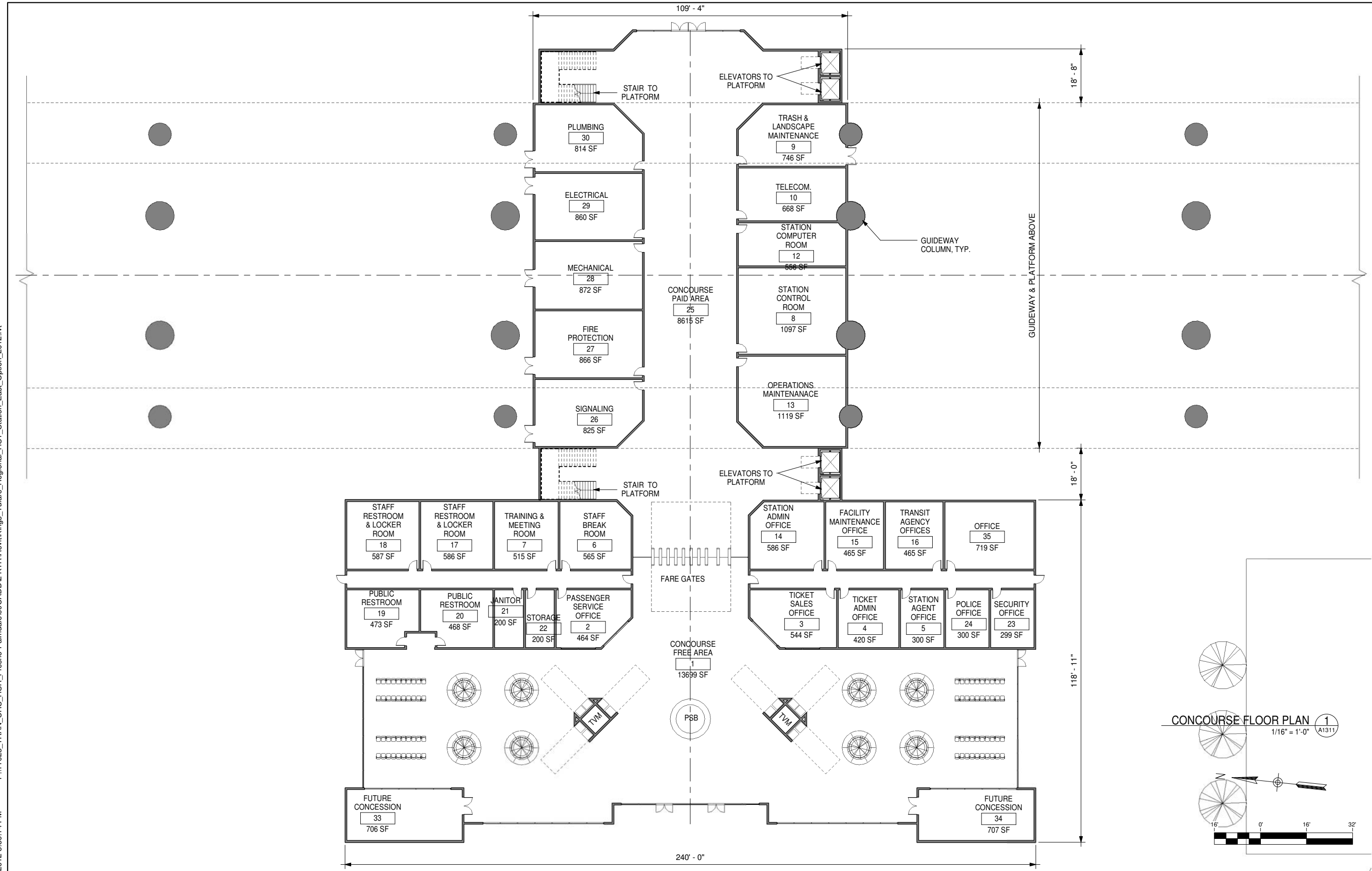


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
CONCOURSE KEY PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1310
SCALE
1" = 50'-0"
SHEET NO.
3 OF 13

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GENERAL NOTES

KEY NOTES

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FRESNO TO BAKERSFIELD**
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
CONCOURSE FLOOR PLAN

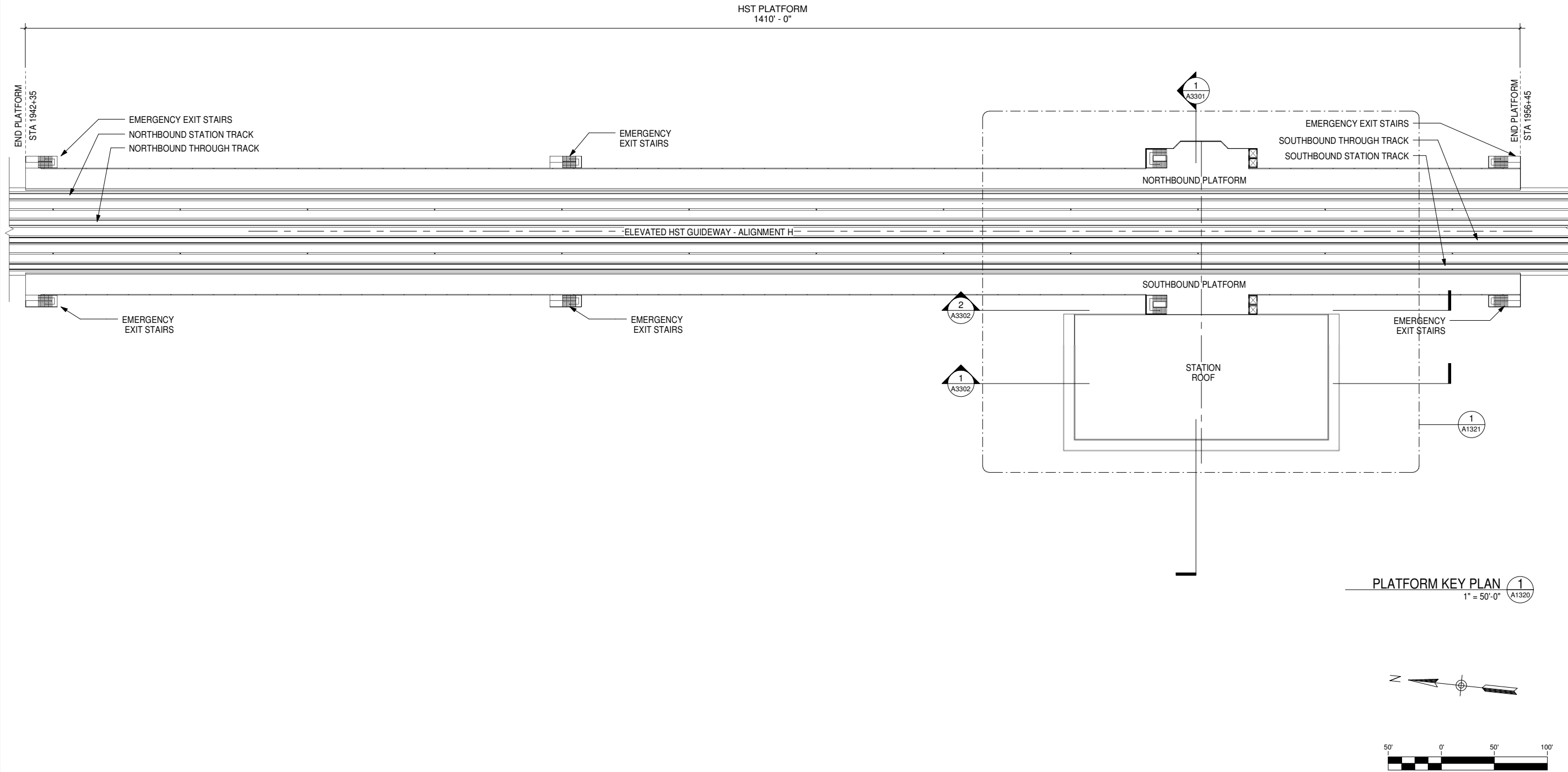
CONTRACT NO.	HSR 06-0003
DRAWING NO.	A1311
SCALE	1/16" = 1'-0"
SHEET NO.	4 OF 13

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GENERAL NOTES

KEY NOTES



PLATFORM KEY PLAN 1
1" = 50'-0" A1320

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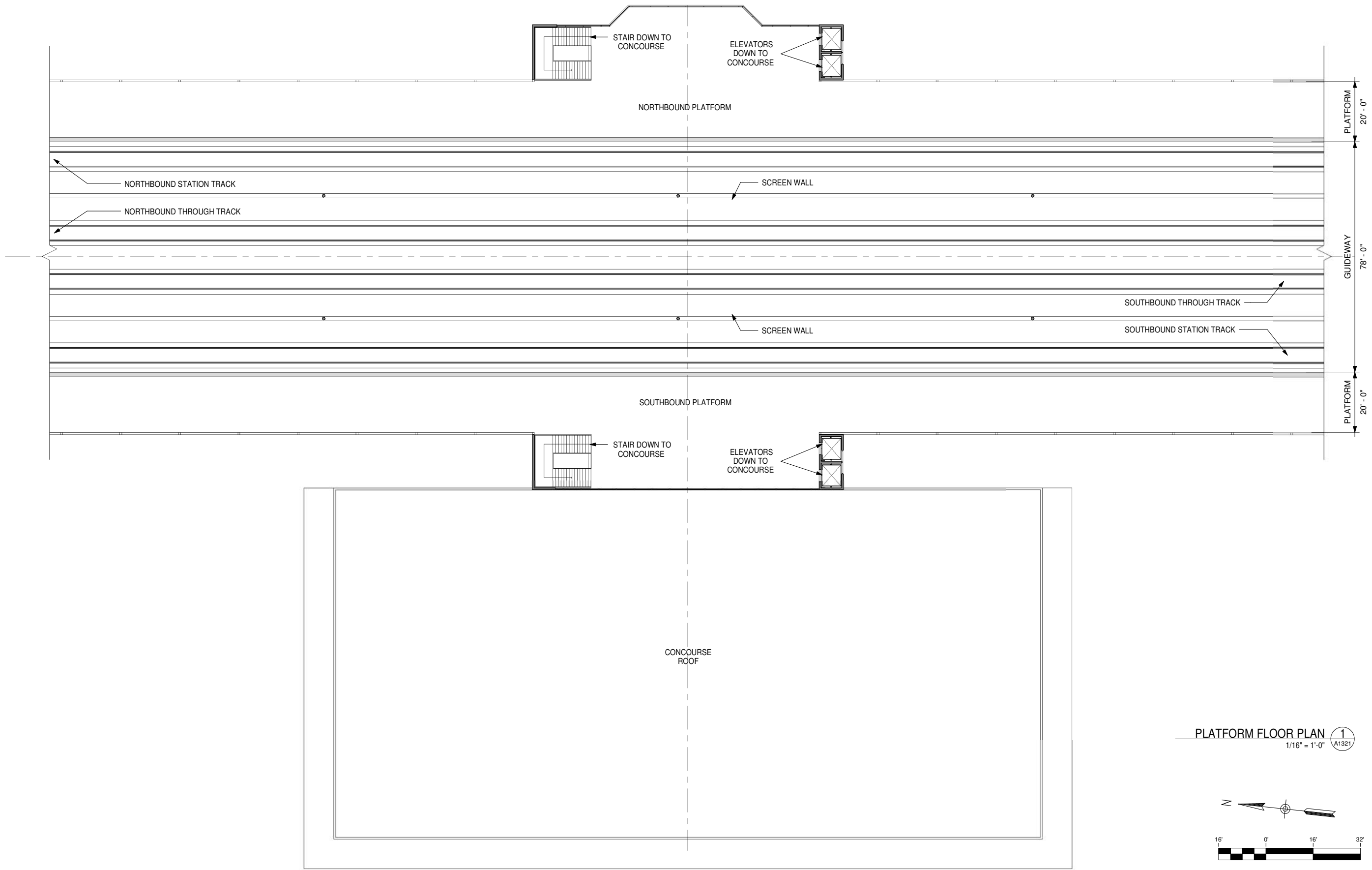


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HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
PLATFORM KEY PLAN

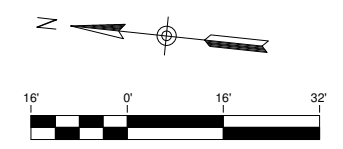
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DRAWING NO.
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SCALE
1" = 50'-0"
SHEET NO.
5 OF 13

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PLATFORM FLOOR PLAN 1
1/16" = 1'-0" A1321



GENERAL NOTES

KEY NOTES

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FRESNO TO BAKERSFIELD
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
PLATFORM FLOOR PLAN

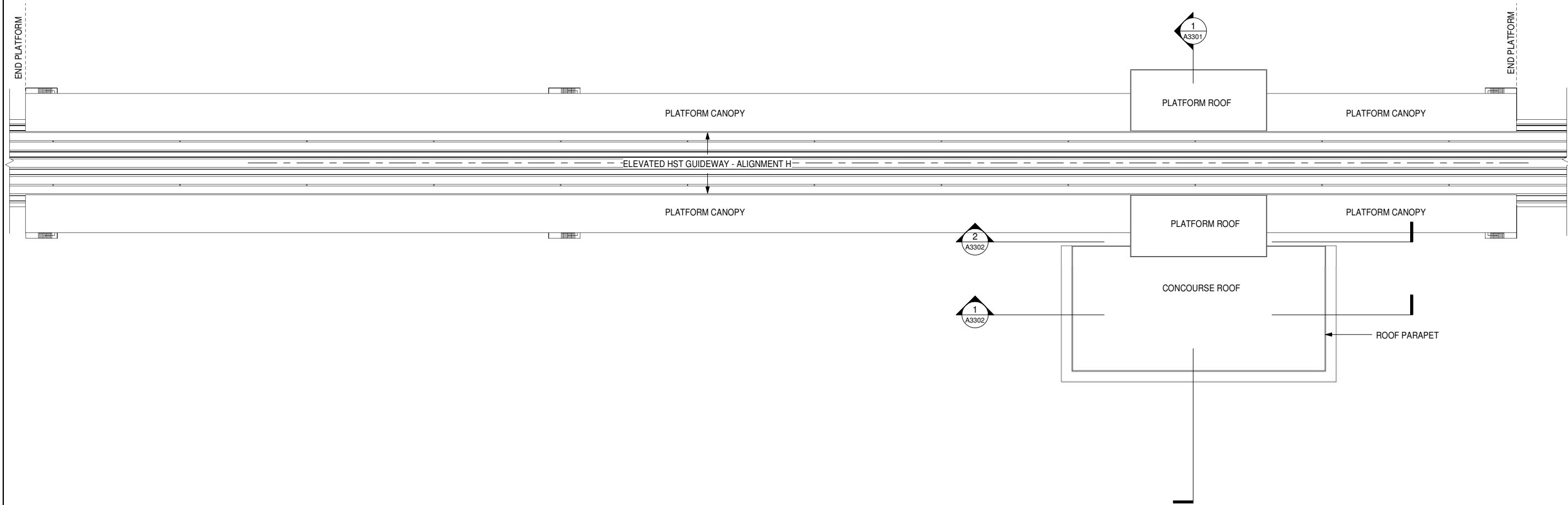
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1321
SCALE
1/16" = 1'-0"
SHEET NO.
6 OF 13

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GENERAL NOTES

KEY NOTES



ROOF KEY PLAN 1
1" = 50'-0" A1330



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FRESNO TO BAKERSFIELD**
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
ROOF KEY PLAN

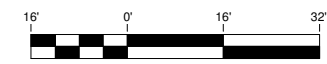
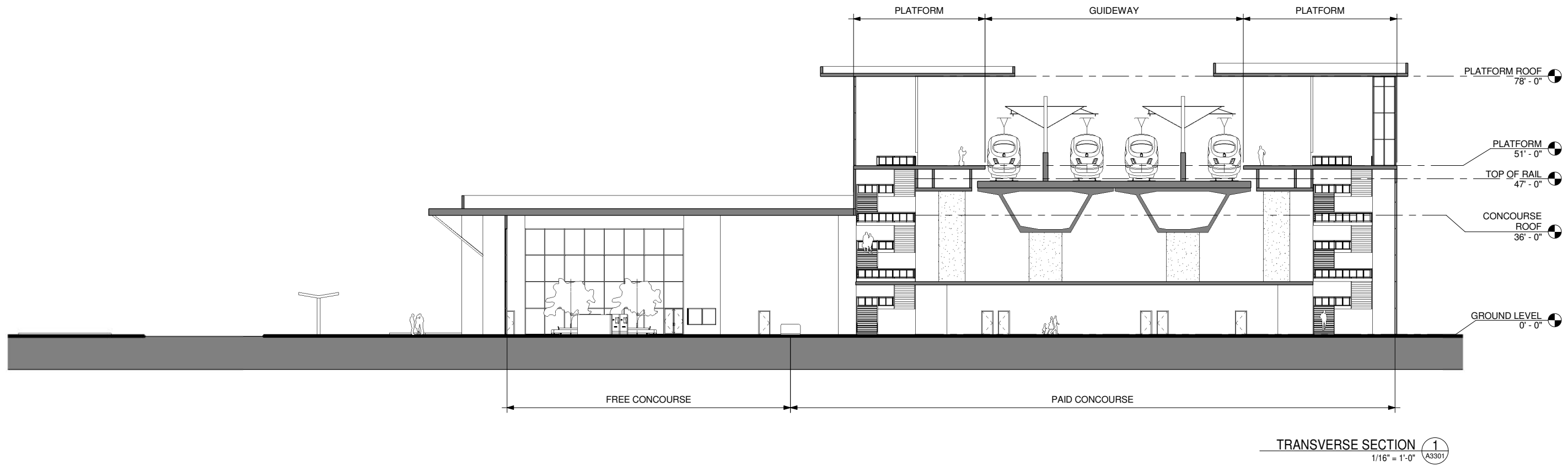
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HSR 06-0003
DRAWING NO.
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SCALE
1" = 50'-0"
SHEET NO.
7 OF 13

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GENERAL NOTES

KEY NOTES



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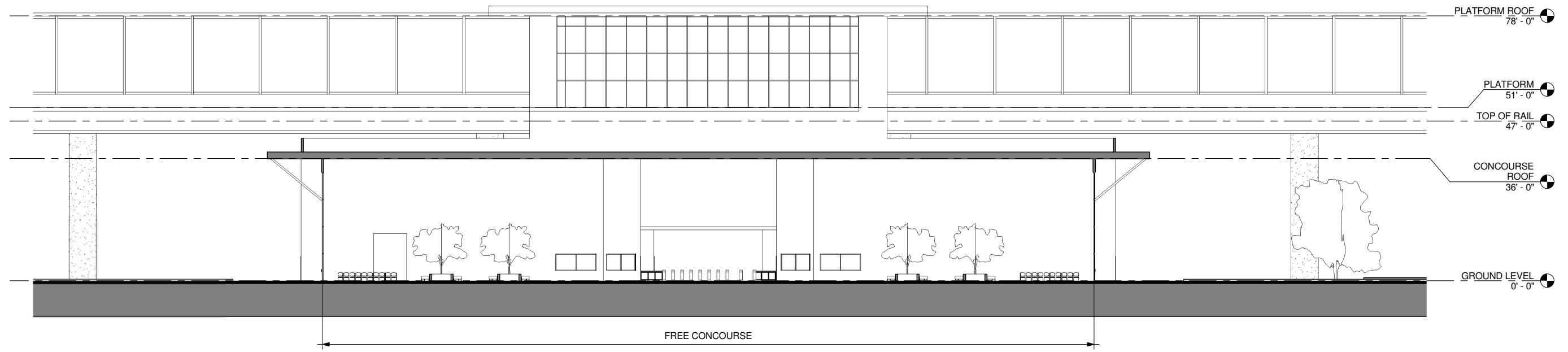
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FRESNO TO BAKERSFIELD
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
BUILDING SECTIONS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3301
SCALE
1/16" = 1'-0"
SHEET NO.
8 OF 13

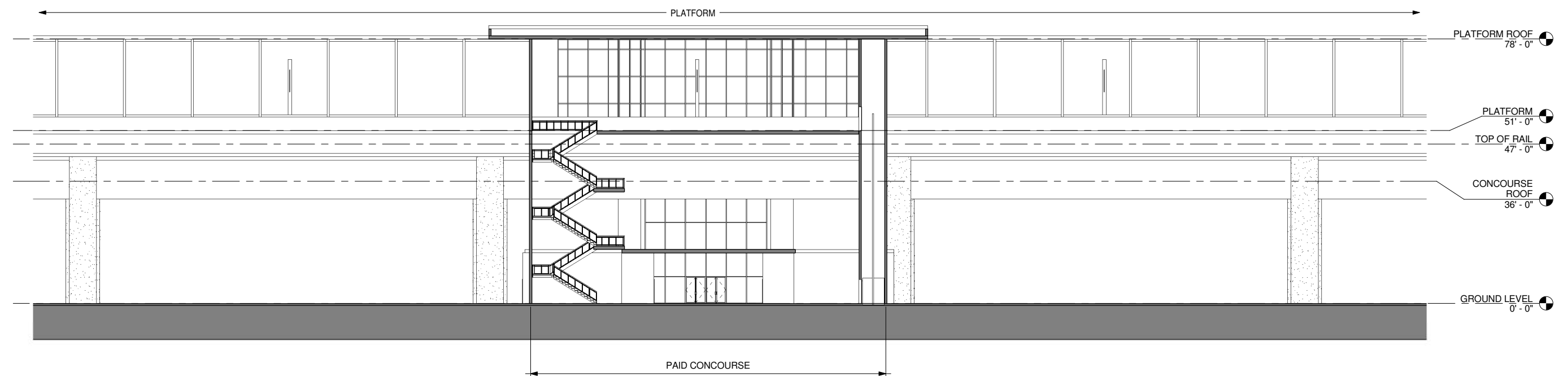
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GENERAL NOTES



LONGITUDINAL SECTION @ STATION CONCOURSE 1
1/16" = 1'-0" A3302



LONGITUDINAL SECTION @ PLATFORM ACCESS 2
1/16" = 1'-0" A3302



KEY NOTES

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FRESNO TO BAKERSFIELD**
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
BUILDING SECTIONS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3302
SCALE
1/16" = 1'-0"
SHEET NO.
9 OF 13

No.	ROOM NAME	AREA	REQUIRED AREA	FORMULA	TM 2.2.2. REFERENCE	COMMENTS
1	CONCOURSE FREE AREA	13699 SF	4110 SF	P15x30sf/person	6.2.3.2	
2	PASSENGER SERVICE OFFICE	464 SF	160 SF	160 SF	6.2.6.1.3	
3	TICKET SALES OFFICE	544 SF	75 SF	((P60bx.15)/(1.5 x 60)) x 75) sqft	6.2.6.1.1	
4	TICKET ADMIN OFFICE	420 SF	160 SF	160 SF	6.2.6.2.6	
5	STATION AGENT OFFICE	300 SF	270 SF	270 SF	6.2.6.1.5	
6	STAFF BREAK ROOM	565 SF	125 SF	(20sqft x .25 x max staff per shift x 1.25)	6.2.6.2.14	
7	TRAINING & MEETING ROOM	515 SF	500 SF	(20sqft x max staff per shift x 1.25)	6.2.6.2.2	
8	STATION CONTROL ROOM	1097 SF	1080 SF	1080 SF	6.2.6.2.3	
9	TRASH & LANDSCAPE MAINTENANCE	746 SF		TBD	6.2.6.2.15/18	
10	TELECOM.	668 SF		TBD	6.2.6.3	
12	STATION COMPUTER ROOM	556 SF	520 SF	520 SF	6.2.6.2.4	
13	OPERATIONS MAINTENANACE	1119 SF	1080 SF	1080 SF	6.2.6.2.10	
14	STATION ADMIN OFFICE	586 SF		((65sqft x staff with own workspace) + (43sqft x staff with shared workspace))x1.25	6.2.6.2.1	
15	FACILITY MAINTENANCE OFFICE	465 SF	325 SF	325 SF	6.2.6.2.9	
16	TRANSIT AGENCY OFFICES	465 SF		Based on Demand	6.2.6.2.11	
17	STAFF RESTROOM & LOCKER ROOM	586 SF		Local Codes	6.2.6.2.12/13	
18	STAFF RESTROOM & LOCKER ROOM	587 SF		Local Codes	6.2.6.2.12/13	
19	PUBLIC RESTROOM	473 SF	137 SF	P15	6.2.3.5	
20	PUBLIC RESTROOM	468 SF	137 SF	P15	6.2.3.5	
21	JANITOR	200 SF	110 SF	110 SF x 3	6.2.6.2.16	
22	STORAGE	200 SF	130 SF	130 SF x 3	6.2.6.2.17	
23	SECURITY OFFICE	299 SF	160 SF	160 SF	6.2.6.2.7	
24	POLICE OFFICE	300 SF	160 SF	160 SF	6.2.6.2.8	
25	CONCOURSE PAID AREA	8615 SF	5950 SF	P15x25sqft	6.2.4.1	
26	SIGNALING	825 SF		TBD	6.2.6.3	
27	FIRE PROTECTION	866 SF		TBD	6.2.6.3	
28	MECHANICAL	872 SF		TBD	6.2.6.3	
29	ELECTRICAL	860 SF		TBD	6.2.6.3	
30	PLUMBING	814 SF		TBD	6.2.6.3	
33	FUTURE CONCESSION	706 SF		TBD	6.2.7	
34	FUTURE CONCESSION	707 SF		TBD	6.2.7	
35	OFFICE	719 SF		TBD	6.2.6.3	

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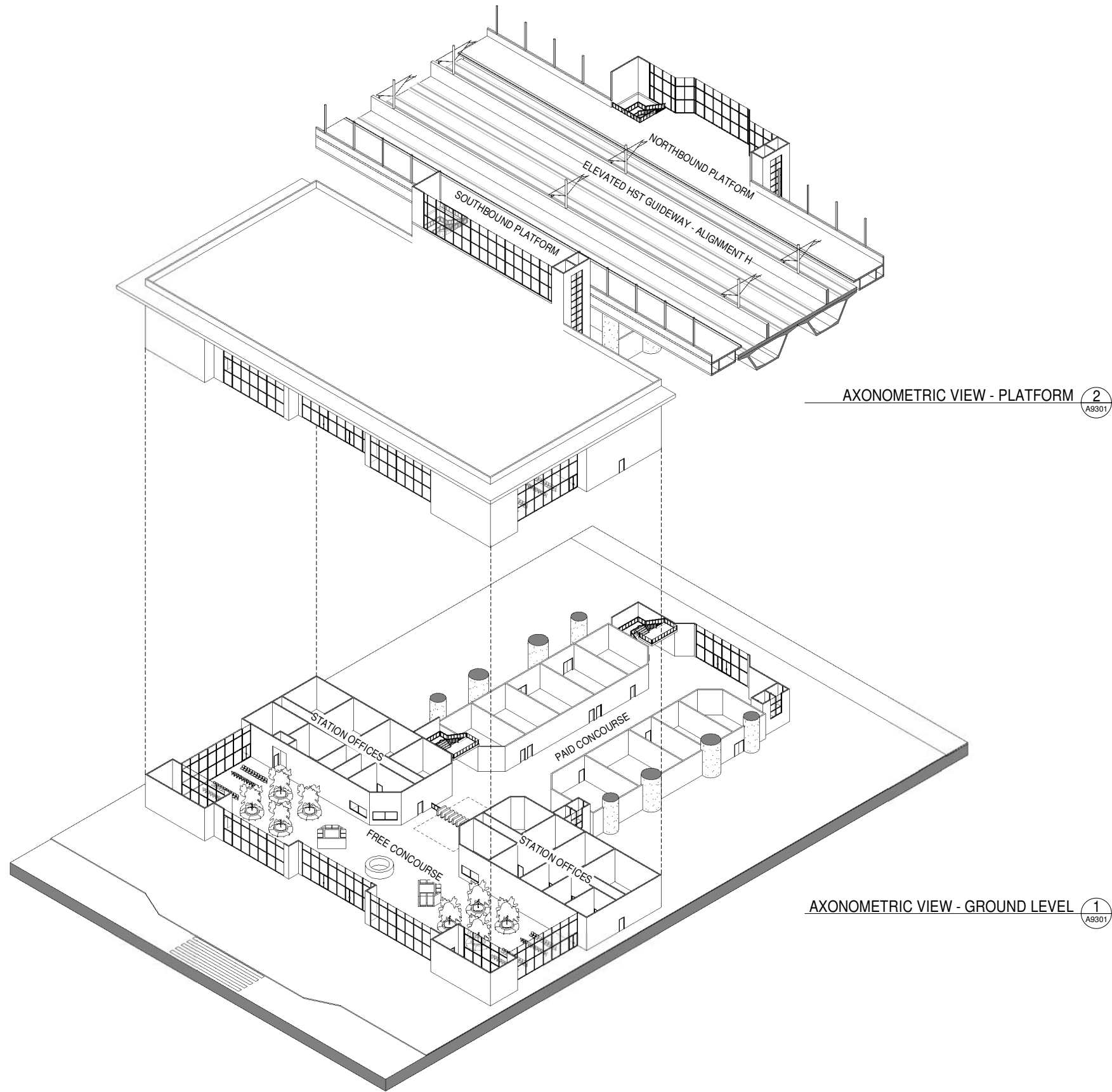


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
ROOM SCHEDULE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A6301
SCALE
SHEET NO.
10 OF 13

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AXONOMETRIC VIEW - PLATFORM 2
A9301

AXONOMETRIC VIEW - GROUND LEVEL 1
A9301

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FRESNO TO BAKERSFIELD**
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
AXONOMETRIC VIEWS

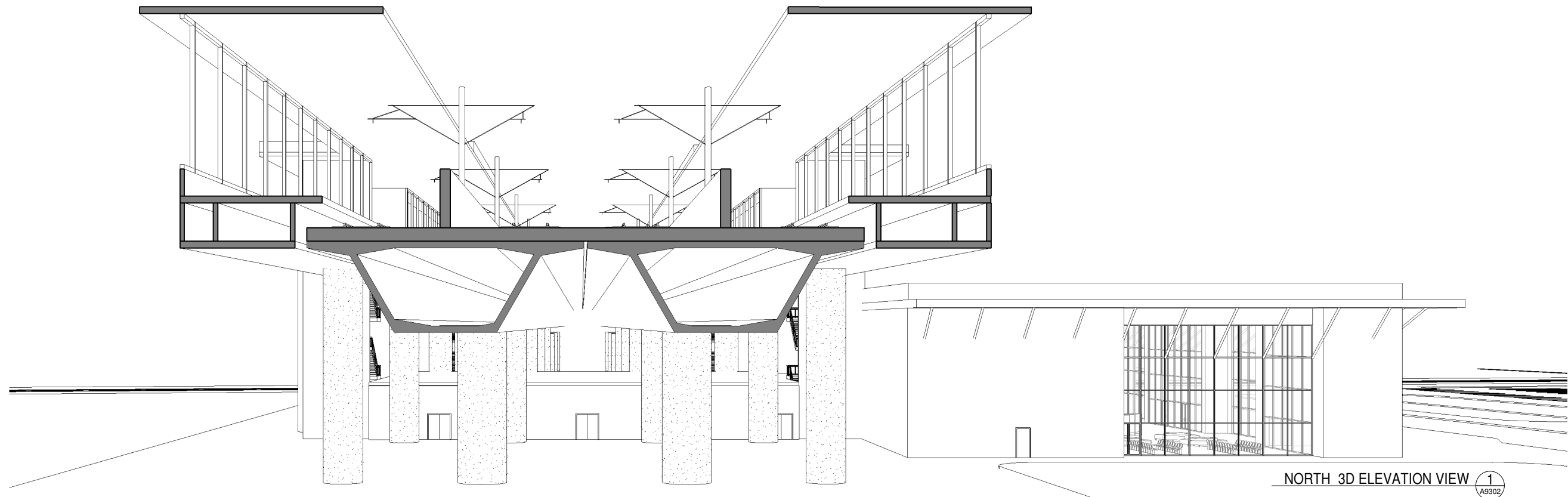
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HSR 06-0003
DRAWING NO.
A9301
SCALE
SHEET NO.
11 OF 13

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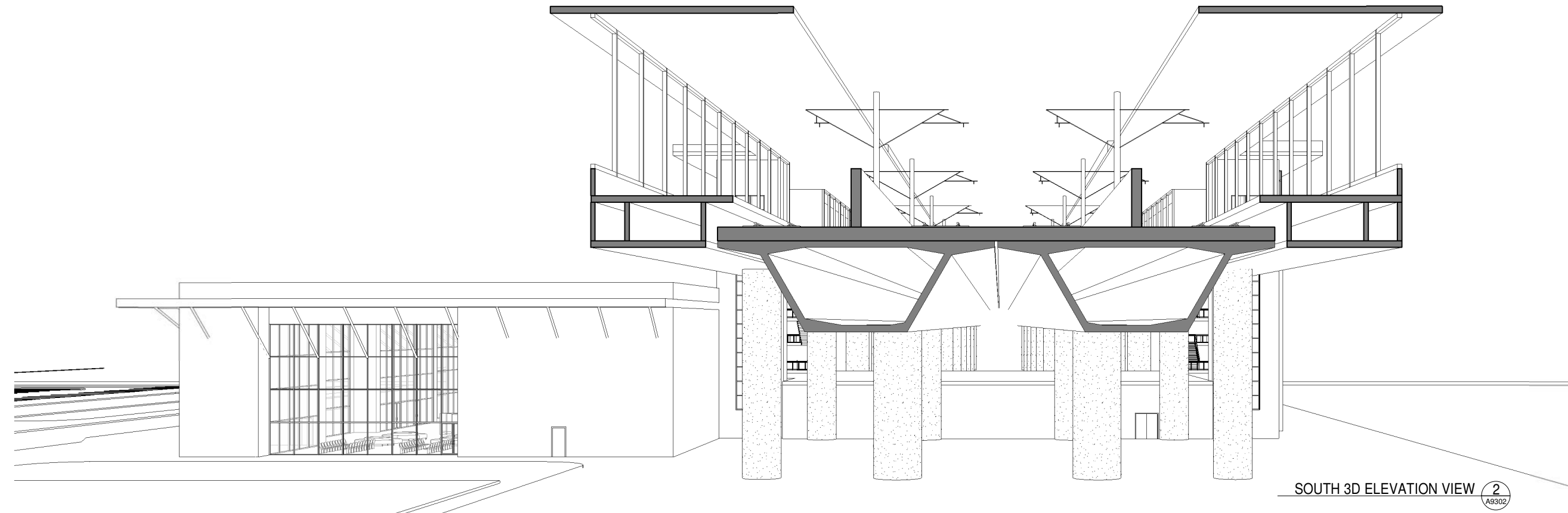
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GENERAL NOTES

KEY NOTES



NORTH 3D ELEVATION VIEW 1
A9302



SOUTH 3D ELEVATION VIEW 2
A9302

REV	DATE	BY	CHK	APP	DESCRIPTION

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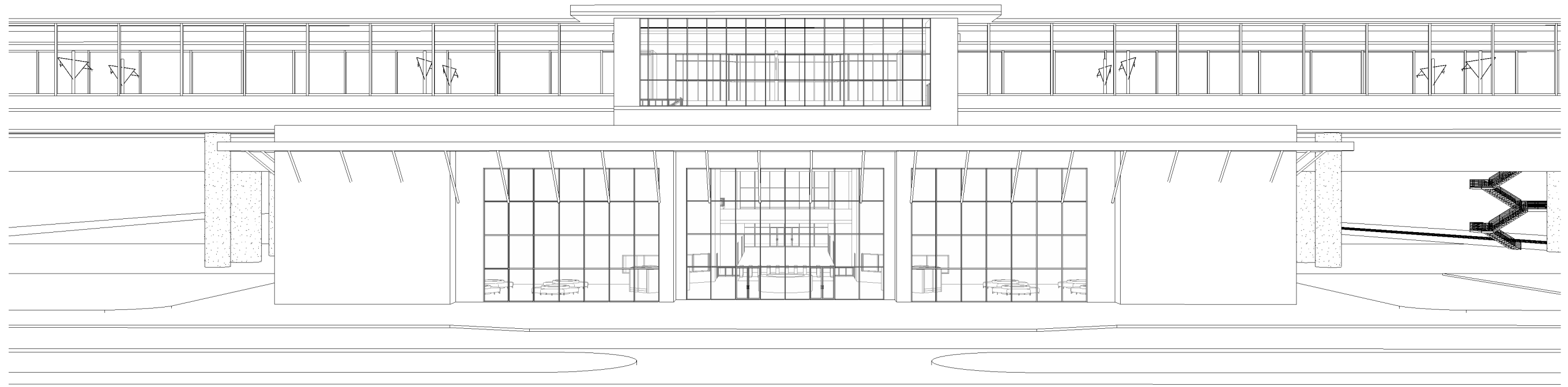


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
3D ELEVATION VIEWS

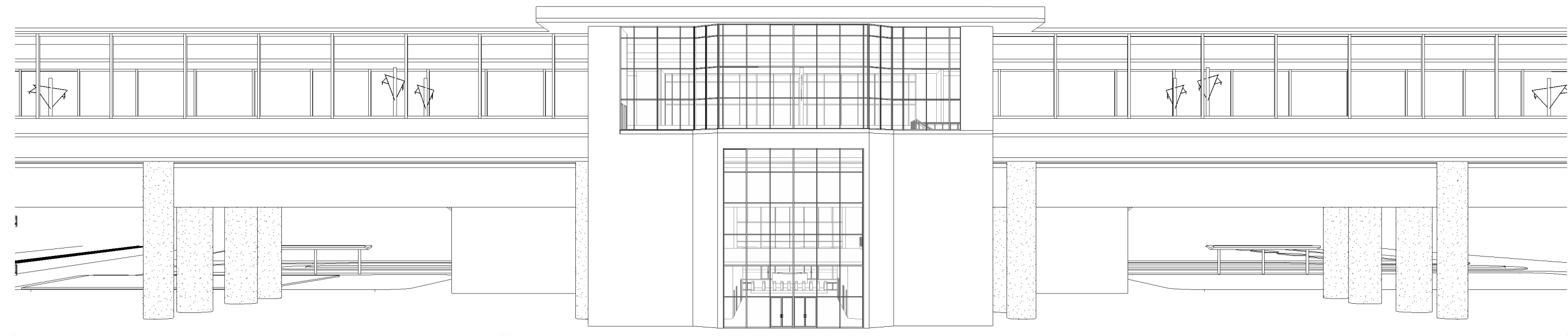
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9302
SCALE
SHEET NO.
12 OF 13

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WEST 3D ELEVATION VIEW 1
A9303



EAST 3D ELEVATION VIEW 2
A9303

GENERAL NOTES

KEY NOTES

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CHECKED BY
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E. NAOR
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD SUBSECTION
ALIGNMENT H
KINGS / TULARE REGIONAL STATION - EAST ALTERNATIVE
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9303
SCALE
SHEET NO.
13 OF 13

SITE AREA & PARKING DATA

STATION CONCOURSE AREA = 35,400 SF
 PLATFORM AREA = 64,300 SF
 UNDERCROSSING AREA = 9,500 SF
 TOTAL STATION CAMPUS AREA = **48.3 ACRES**

SURFACE PARKING AREA = 4.7 ACRES
 SURFACE PARKING CAPACITY = 700 CARS

PARKING STRUCTURE #1 AREA = 1.75 ACRES
 PARKING STRUCTURE #1 HEIGHT = 4 LEVELS
 PARKING STRUCTURE #1 CAPACITY = 1050 CARS

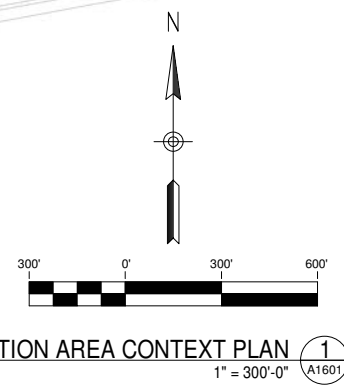
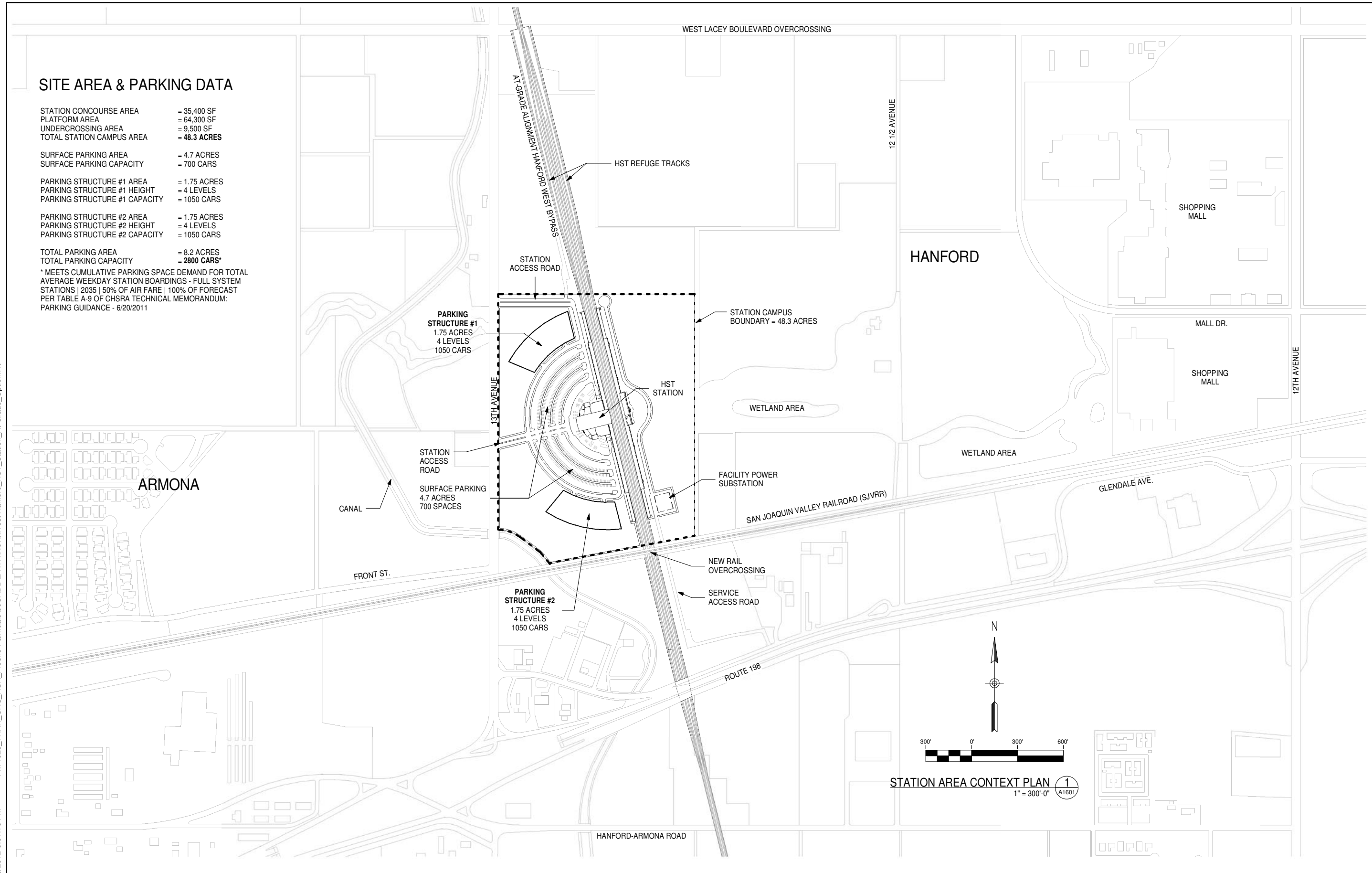
PARKING STRUCTURE #2 AREA = 1.75 ACRES
 PARKING STRUCTURE #2 HEIGHT = 4 LEVELS
 PARKING STRUCTURE #2 CAPACITY = 1050 CARS

TOTAL PARKING AREA = 8.2 ACRES
 TOTAL PARKING CAPACITY = **2800 CARS***

* MEETS CUMULATIVE PARKING SPACE DEMAND FOR TOTAL AVERAGE WEEKDAY STATION BOARDINGS - FULL SYSTEM STATIONS | 2035 | 50% OF AIR FARE | 100% OF FORECAST PER TABLE A-9 OF CHSRA TECHNICAL MEMORANDUM: PARKING GUIDANCE - 6/20/2011

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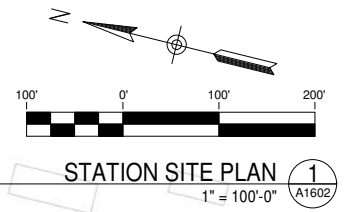
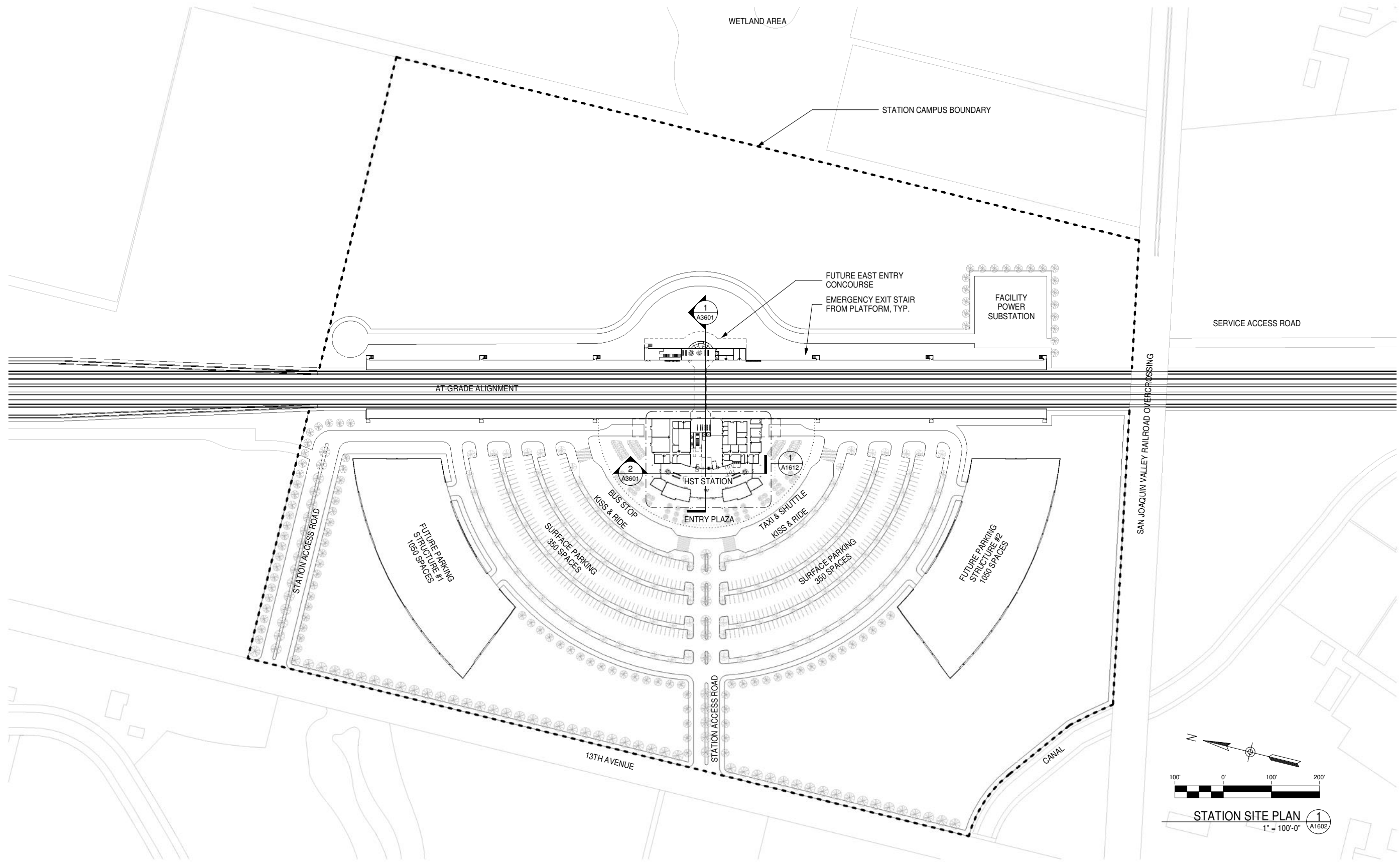


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
 FRESNO TO BAKERSFIELD**
 HANFORD WEST BYPASS SUBSECTION
 ALIGNMENT HW
 KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
STATION AREA CONTEXT PLAN

CONTRACT NO.
HSR 06-0003
 DRAWING NO.
A1601
 SCALE
1" = 300'-0"
 SHEET NO.
1 OF 14

GENERAL NOTES

KEY NOTES



STATION SITE PLAN 1 A1602
1" = 100'-0"

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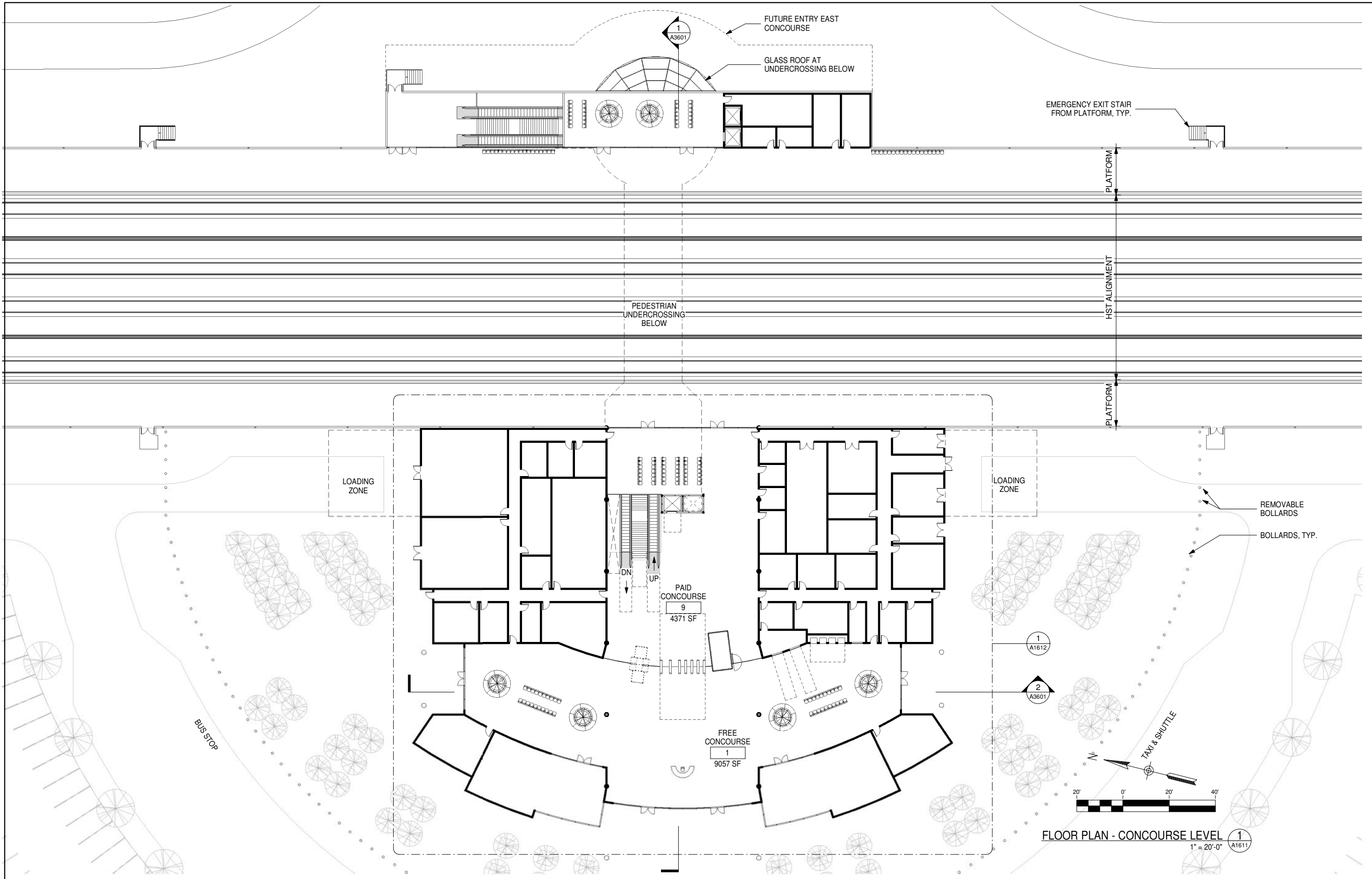


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
STATION SITE PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1602
SCALE
1" = 100'-0"
SHEET NO.
2 OF 14

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KEY NOTES

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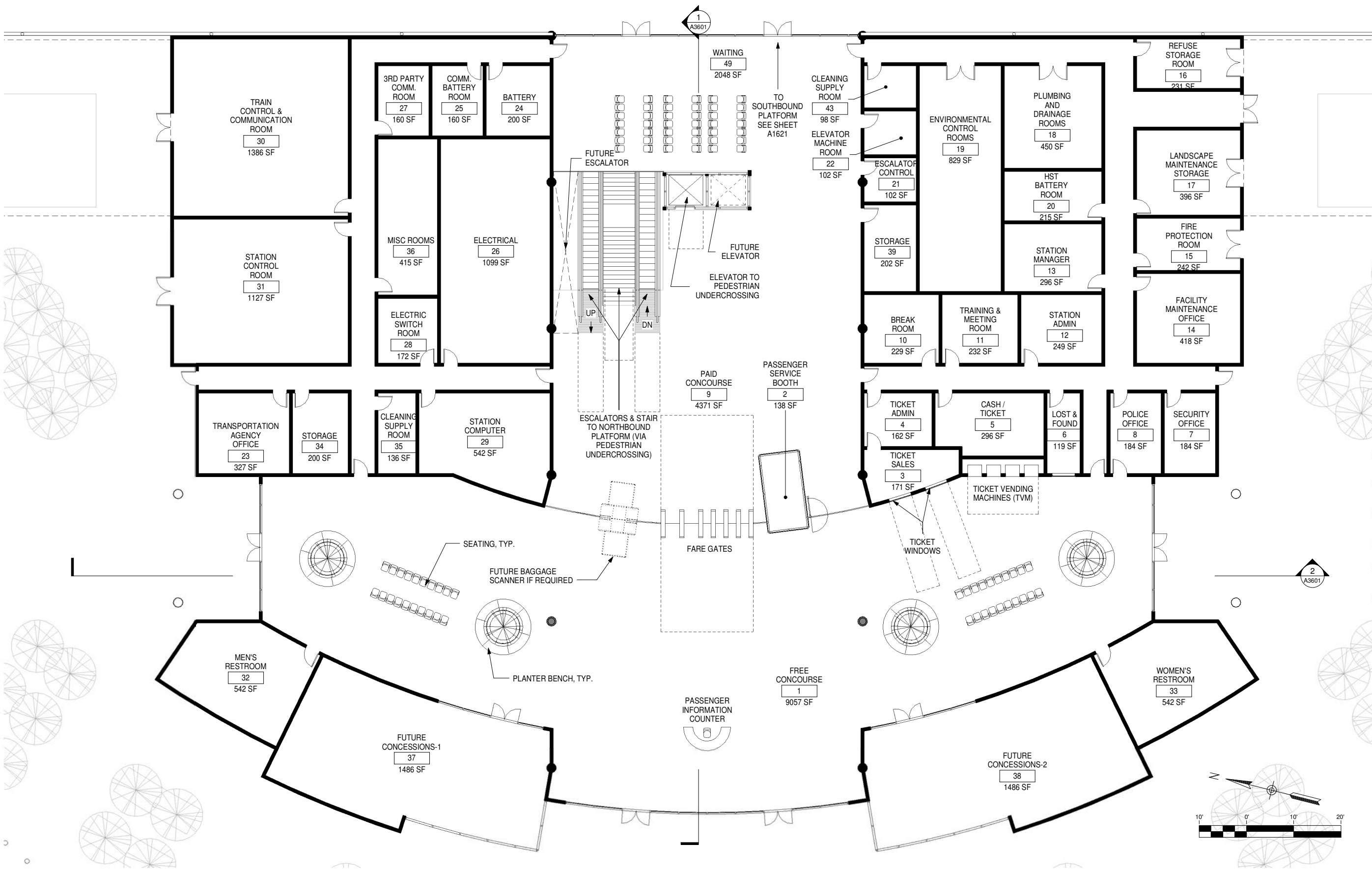


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FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
CONCOURSE KEY PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1611
SCALE
1" = 20'-0"
SHEET NO.
3 OF 14

GENERAL NOTES

KEY NOTES



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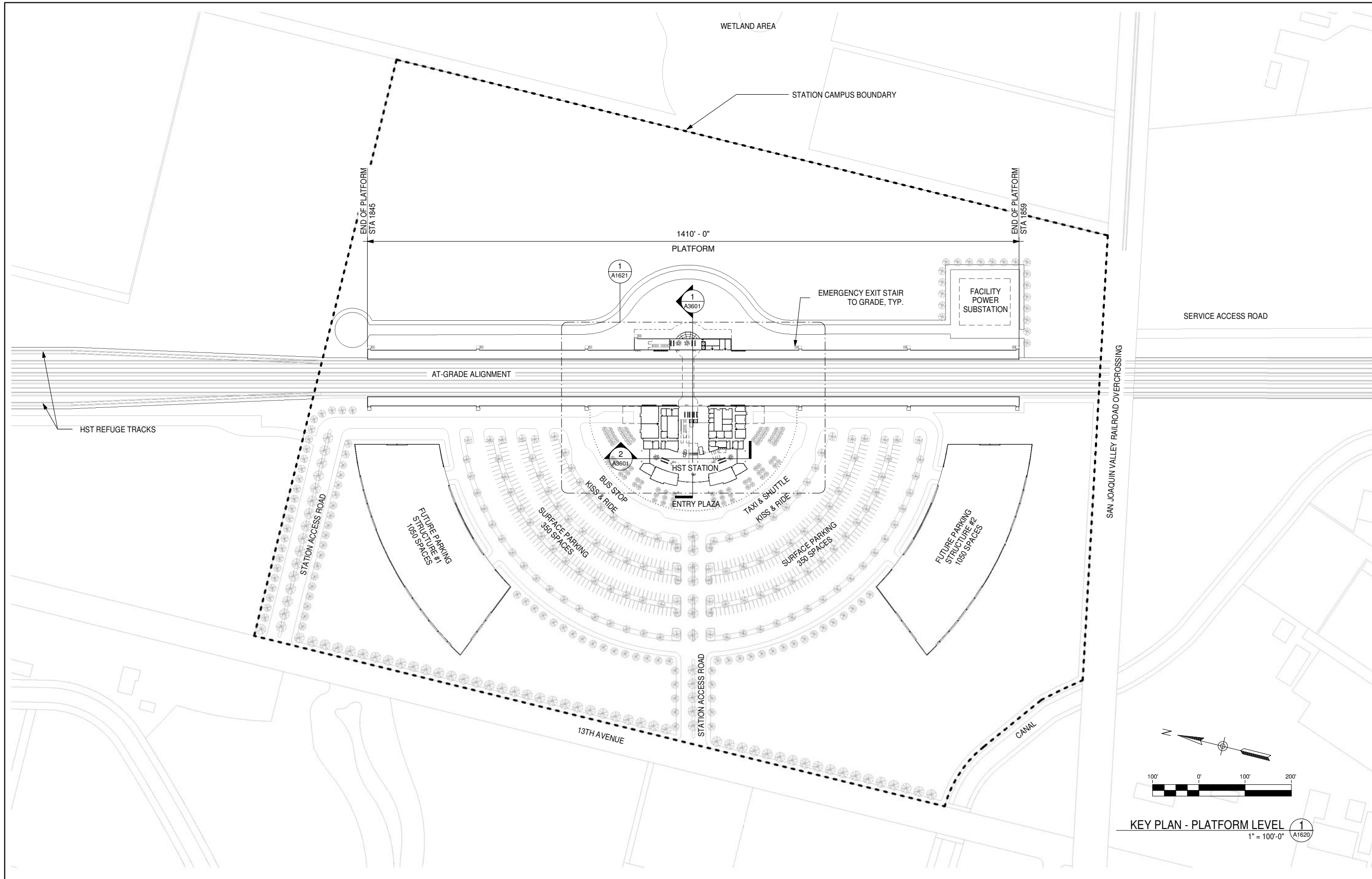


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FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
CONCOURSE DETAIL PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1612
SCALE
1" = 10'-0"
SHEET NO.
4 OF 14

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GENERAL NOTES

KEY NOTES

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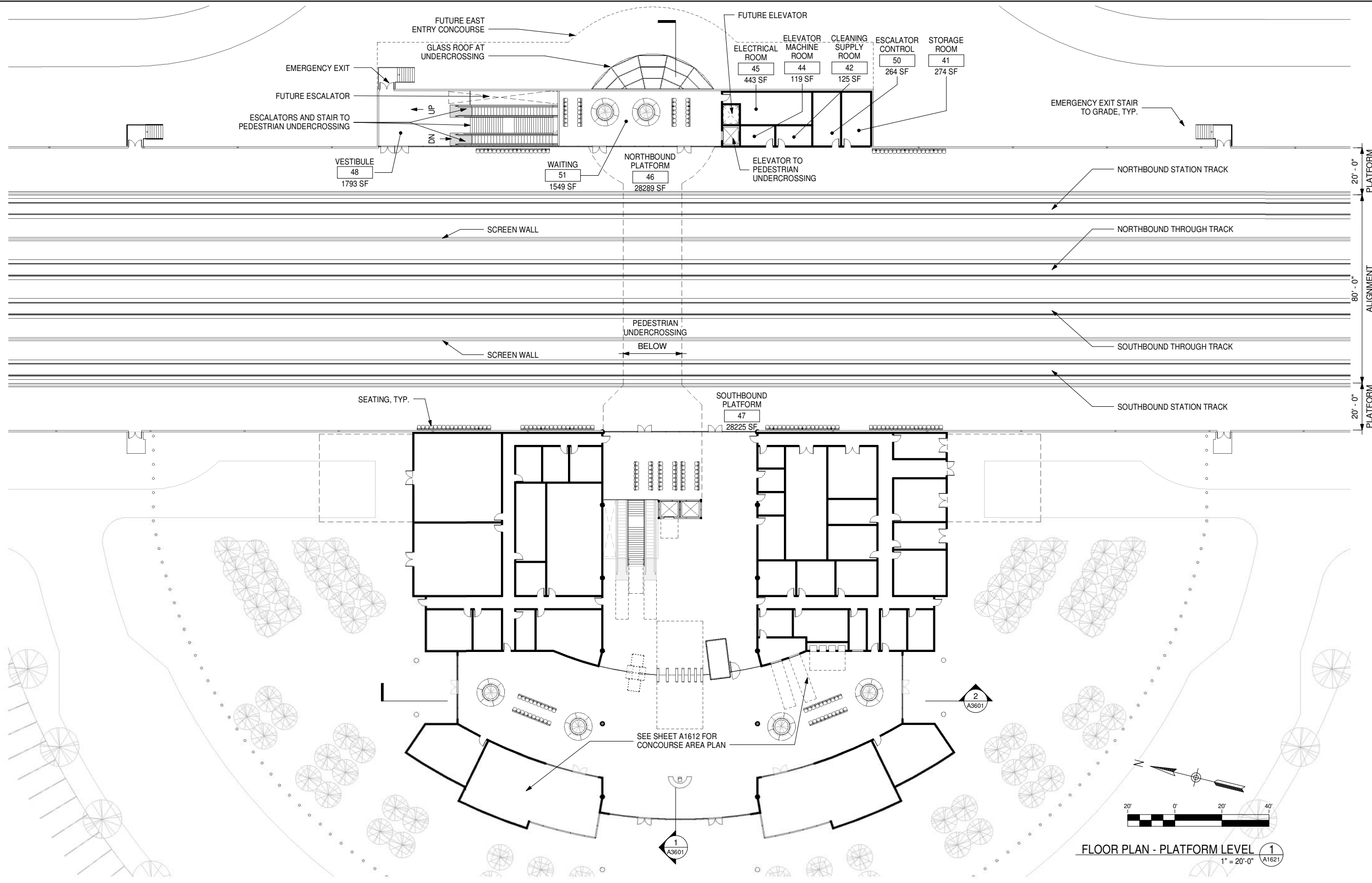


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FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
PLATFORM KEY PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1620
SCALE
1" = 100'-0"
SHEET NO.
5 OF 14

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GENERAL NOTES

KEY NOTES

FLOOR PLAN - PLATFORM LEVEL
1
1" = 20'-0"
A1621

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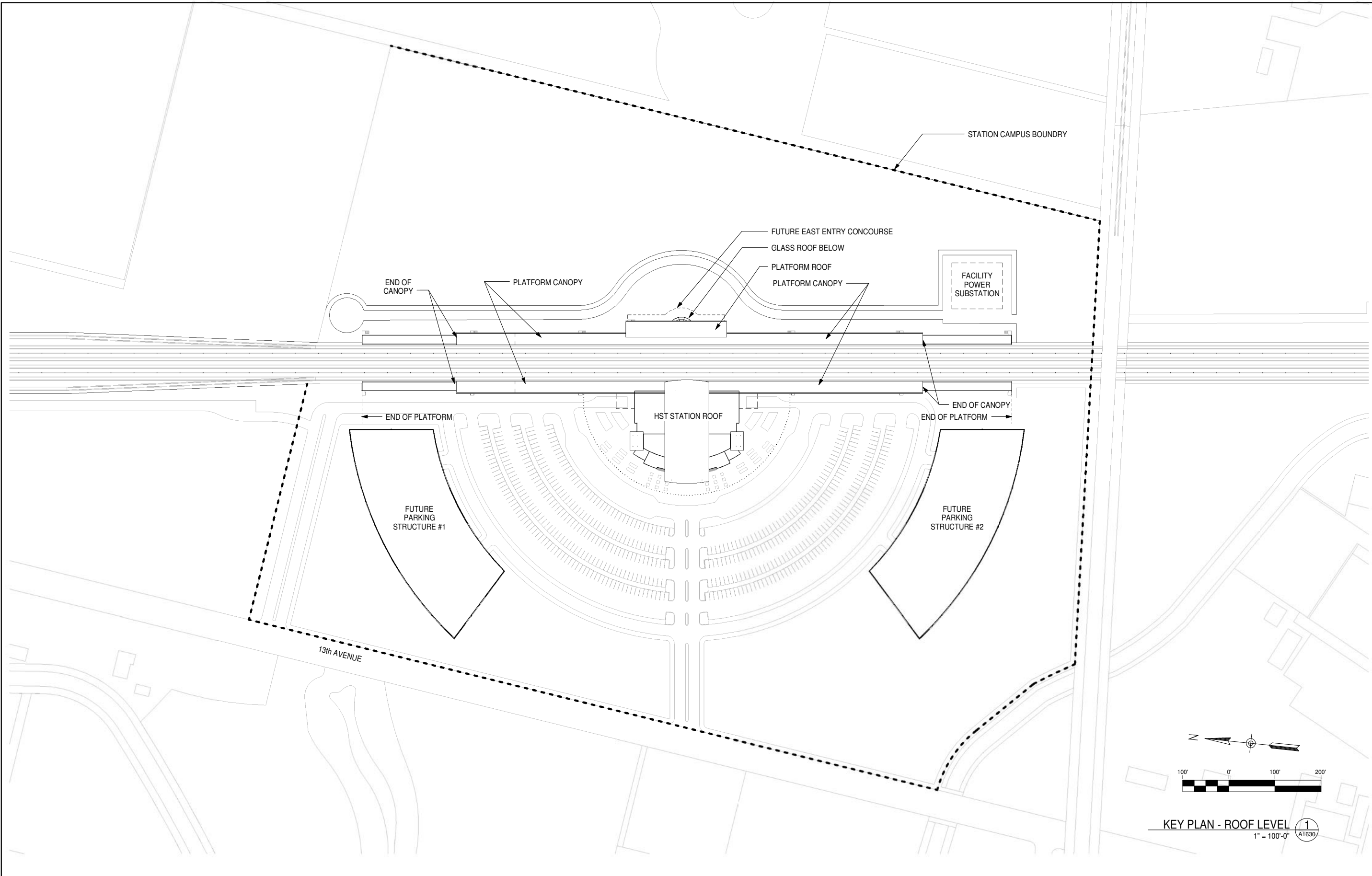


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FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
PLATFORM FLOOR PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1621
SCALE
1" = 20'-0"
SHEET NO.
6 OF 14

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GENERAL NOTES

KEY NOTES

KEY PLAN - ROOF LEVEL
1
1" = 100'-0" A1630

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
ROOF KEY PLAN

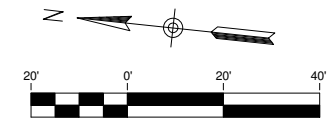
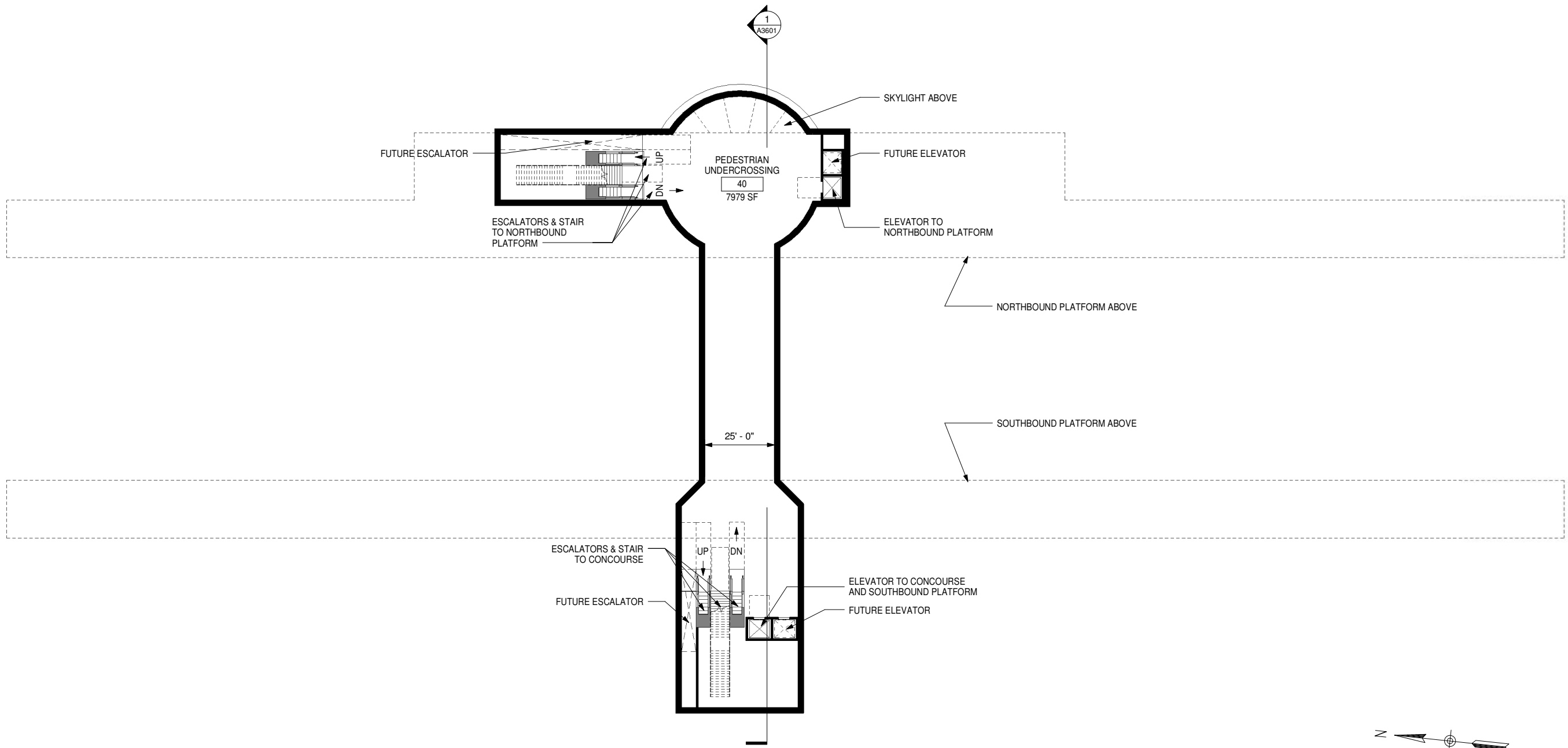
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1630
SCALE
1" = 100'-0"
SHEET NO.
7 OF 14

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GENERAL NOTES

KEY NOTES



FLOOR PLAN - UNDERCROSSING LEVEL 1
1" = 20'-0" A1641

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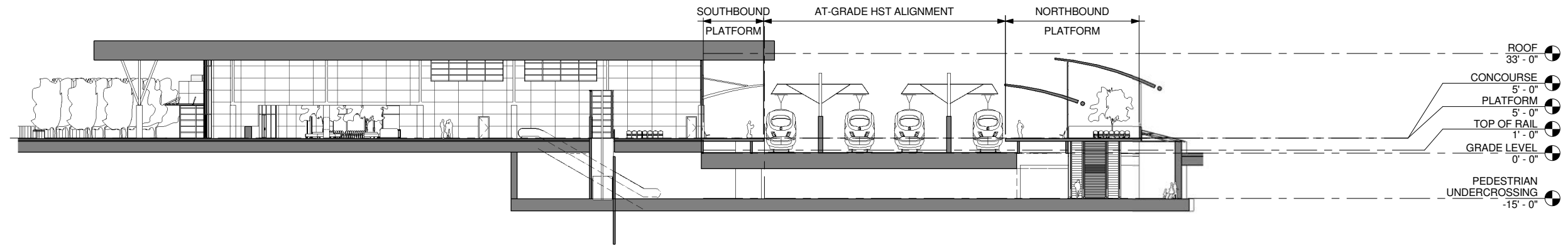
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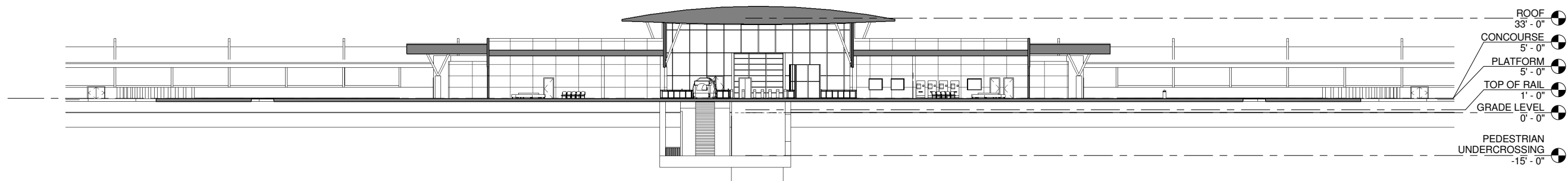


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
UNDERCROSSING LEVEL FLOOR PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1641
SCALE
1" = 20'-0"
SHEET NO.
8 OF 14



TRANSVERSE SECTION - CONCOURSE 1
1" = 20'-0" A3601



LONGITUDINAL SECTION - CONCOURSE 2
1" = 20'-0" A3601



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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
BUILDING SECTIONS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3601
SCALE
1" = 20'-0"
SHEET NO.
9 OF 14

ROOM SCHEDULE

No.	ROOM NAME	AREA	REQUIRED AREA	FORMULA	TM 2.2.2. REFERENCE	COMMENTS
1	FREE CONCOURSE	9057 SF		Table 6-2 *	6.3.2	
2	PASSENGER SERVICE BOOTH	138 SF			6.6.2.3	
3	TICKET SALES	171 SF	150 SF	75 sf per window	6.6.2.2	Two windows
4	TICKET ADMIN	162 SF	160 SF		6.6.3.7	
5	CASH / TICKET	296 SF	260 SF		6.6.3.8	
6	LOST & FOUND	119 SF	80 SF		6.6.2.5	
7	SECURITY OFFICE	184 SF	160 SF		6.6.3.9	
8	POLICE OFFICE	184 SF	160 SF		6.6.2.6	
9	PAID CONCOURSE	4371 SF		Table 6-2 *	6.3.3	
10	BREAK ROOM	229 SF	200 SF		6.6.3.12	
11	TRAINING & MEETING ROOM	232 SF	200 SF		6.6.3.4	
12	STATION ADMIN	249 SF		100 SF per assigned staff	6.6.3.2	
13	STATION MANAGER	296 SF	270 SF		6.6.3.3	
14	FACILITY MAINTENANCE OFFICE	418 SF	330 SF		6.6.3.10	
15	FIRE PROTECTION ROOM	242 SF	0 SF		6.6.6.3	
16	REFUSE STORAGE ROOM	231 SF	150 SF		6.6.4.1	
17	LANDSCAPE MAINTENANCE STORAGE	396 SF			6.6.4.4	
18	PLUMBING AND DRAINAGE ROOMS	450 SF	150 SF		6.6.6.4	
19	ENVIRONMENTAL CONTROL ROOMS	829 SF	0 SF		6.6.6.1	
20	HST BATTERY ROOM	215 SF	150 SF		6.6.7.2	
21	ESCALATOR CONTROL	102 SF	0 SF			
22	ELEVATOR MACHINE ROOM	102 SF	0 SF		6.5.3.6	
23	TRANSPORTATION AGENCY OFFICE	327 SF			6.6.3.16	
24	BATTERY	200 SF	200 SF		6.6.6.2	
25	COMM. BATTERY ROOM	160 SF	160 SF		6.6.7.1	
26	ELECTRICAL	1099 SF	450 SF		6.6.6.2	
27	3RD PARTY COMM. ROOM	160 SF	160 SF		6.6.7.1	
28	ELECTRIC SWITCH ROOM	172 SF	160 SF		6.6.7.2	
29	STATION COMPUTER	542 SF	500 SF		6.6.3.6	
30	TRAIN CONTROL & COMMUNICATION ROOM	1386 SF	1280 SF		6.6.7.1	
31	STATION CONTROL ROOM	1127 SF	1100 SF		6.6.3.5	
32	MEN'S RESTROOM	542 SF		Size per code	6.3.4	
33	WOMEN'S RESTROOM	542 SF		Size per code	6.3.4	
34	STORAGE	200 SF	150 SF		6.6.4.3	
35	CLEANING SUPPLY ROOM	136 SF	80 SF		6.6.4.2	
36	MISC ROOMS	415 SF	300 SF		6.6.4.5	
37	FUTURE CONCESSIONS-1	1486 SF	1500 SF	Table 6-3	6.3.5	
38	FUTURE CONCESSIONS-2	1486 SF	1500 SF	Table 6-3	6.3.5	
39	STORAGE	202 SF				
40	PEDESTRIAN UNDERCROSSING	7979 SF			6.5.2.5	16 ft min. width
41	STORAGE ROOM	274 SF	100 SF		6.6.4.3	
42	CLEANING SUPPLY ROOM	125 SF	80 SF		6.6.4.2	
43	CLEANING SUPPLY ROOM	98 SF	80 SF		6.6.4.2	
44	ELEVATOR MACHINE ROOM	119 SF			6.5.3.6	
45	ELECTRICAL ROOM	443 SF	450 SF		6.6.6.2	
46	NORTHBOUND PLATFORM	28289 SF		25 sf min per boarding passenger *	6.4.2	
47	SOUTHBOUND PLATFORM	28225 SF		25 sf min per boarding passenger *	6.4.2	
48	VESTIBULE	1793 SF		Table 6-2 *	6.5.1.4	
49	WAITING	2048 SF		Table 6-2 *	6.3.3.2	
50	ESCALATOR CONTROL	264 SF				
51	WAITING	1549 SF		Table 6-2 *	6.3.3.2	

* STATION PUBLIC AREAS AND VERTICAL CIRCULATION ARE SIZED FOR PEAK PASSENGER FORECAST FOR FULL BUILD OUT (2035) AT 50% AIR FARES AS PROVIDED IN STATION AREA PARKING GUIDANCE TECHNICAL MEMORANDUM REV 4, DATED 6/20/2011

PEAK CUMULATIVE DAILY BOARDINGS OF 3,300 PASSENGERS

PEAK HOUR BOARDINGS (P60B) OF 495 PASSENGERS

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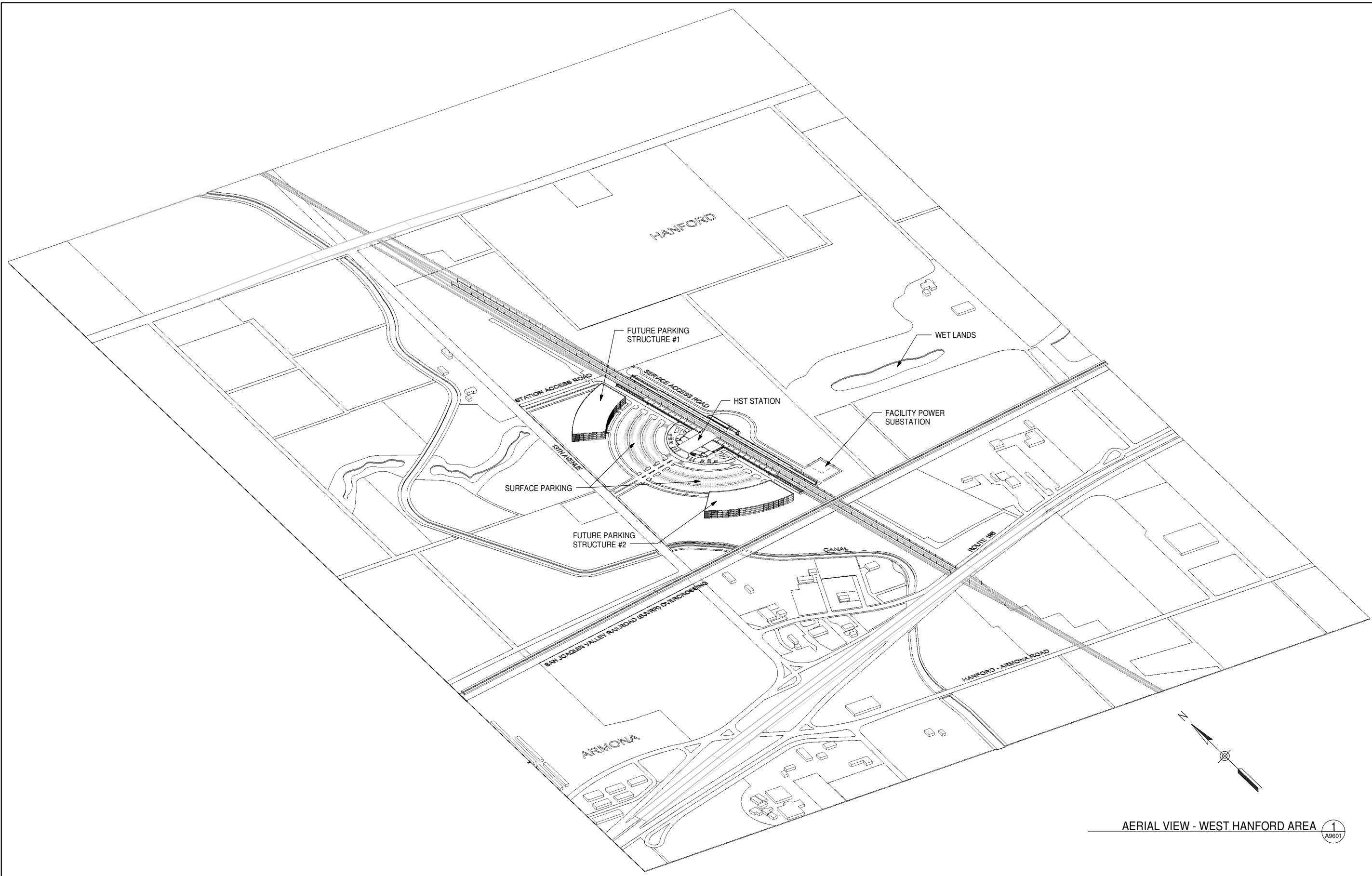
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
ROOM SCHEDULE

CONTRACT NO.	HSR 06-0003
DRAWING NO.	A6601
SCALE	
SHEET NO.	10 OF 14



AERIAL VIEW - WEST HANFORD AREA 1
A9601

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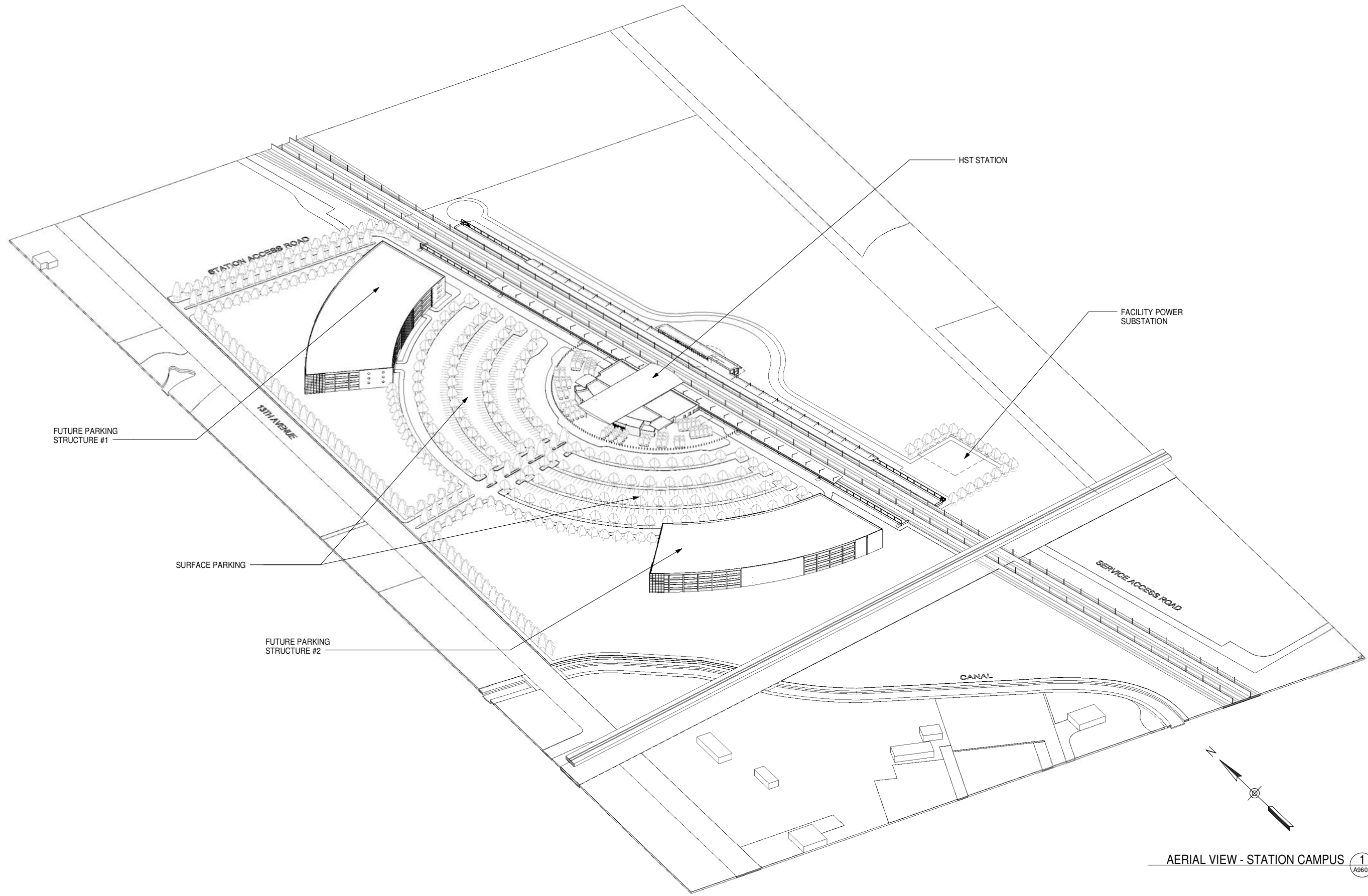


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
AERIAL VIEW - CONTEXT

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9601
SCALE
SHEET NO.
11 OF 14

GENERAL NOTES

KEY NOTES



AERIAL VIEW - STATION CAMPUS 1
A9602

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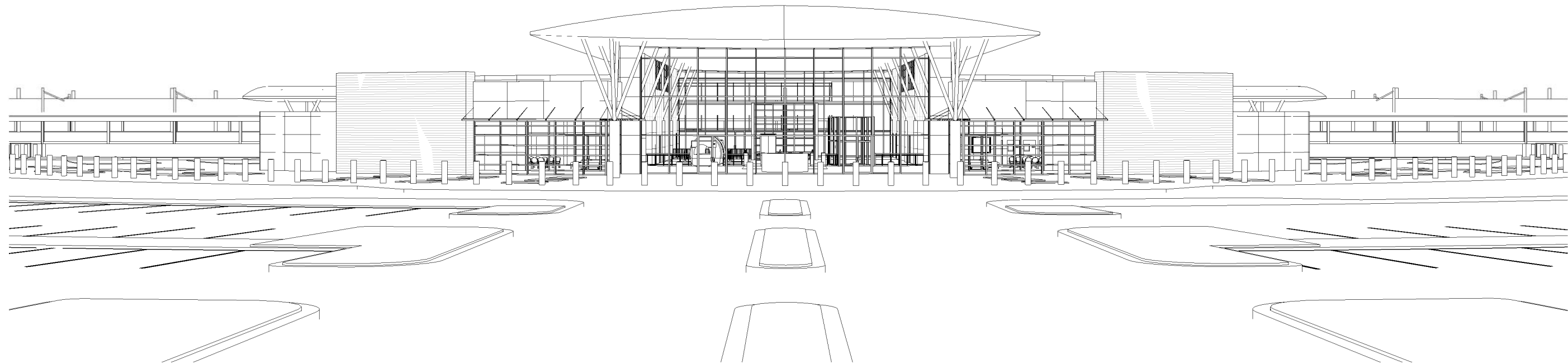


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
AERIAL VIEW - CAMPUS

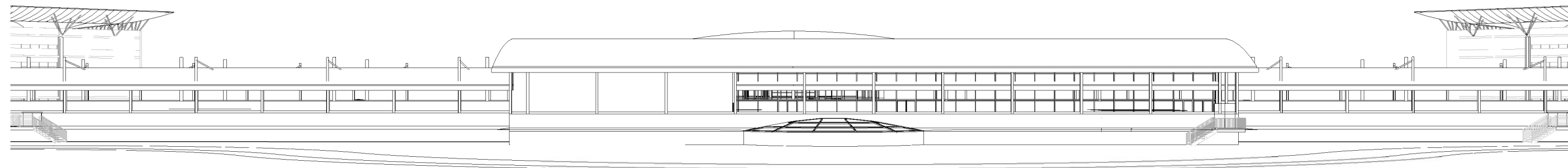
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9602
SCALE
SHEET NO.
12 OF 14

GENERAL NOTES

KEY NOTES



3D ELEVATION VIEW - WEST 1
A9603



3D ELEVATION VIEW - EAST 2
A9603

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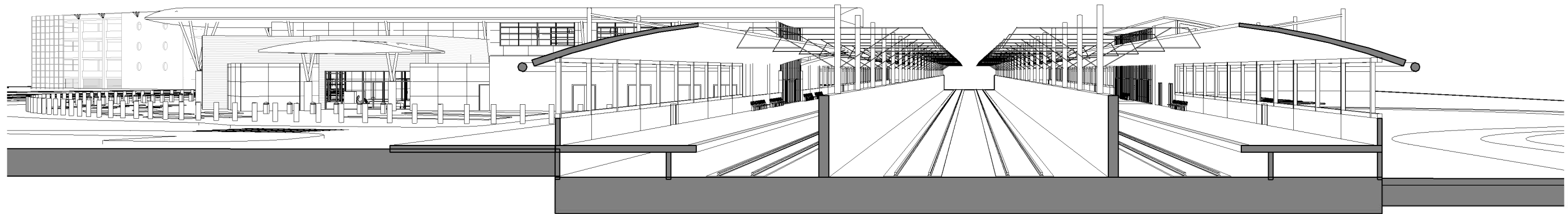


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9603
SCALE
SHEET NO.
13 OF 14



3D ELEVATION VIEW - NORTH 1
A9604



3D ELEVATION VIEW - SOUTH 2
A9604

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E. NAOR
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (AT GRADE OPTION)
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9604
SCALE
SHEET NO.
14 OF 14

SITE AREA & PARKING DATA

STATION CONCOURSE LEVEL AREA = 34,200 SF
 STATION PLATFORM LEVEL AREA = 63,020 SF
 TOTAL STATION CAMPUS AREA = **48.3 ACRES**

SURFACE PARKING AREA = 4.2 ACRES
 SURFACE PARKING CAPACITY = 580 CARS

PARKING STRUCTURE #1 = 1.85 ACRES
 PARKING STRUCTURE #1 HEIGHT = 4 LEVELS
 PARKING STRUCTURE #1 CAPACITY = 1110 CARS

PARKING STRUCTURE #2 AREA = 1.85 ACRES
 PARKING STRUCTURE #2 HEIGHT = 4 LEVELS
 PARKING STRUCTURE #2 CAPACITY = 1110 CARS

TOTAL PARKING AREA = 7.9 ACRES
 TOTAL PARKING CAPACITY = **2800 CARS***

* MEETS CUMULATIVE PARKING SPACE DEMAND FOR TOTAL AVERAGE WEEKDAY STATION BOARDINGS - FULL SYSTEM STATIONS | 2035 | 50% OF AIR FARE | 100% OF FORECAST PER TABLE A-9 OF CHSRA TECHNICAL MEMORANDUM: PARKING GUIDANCE - 6/20/2011



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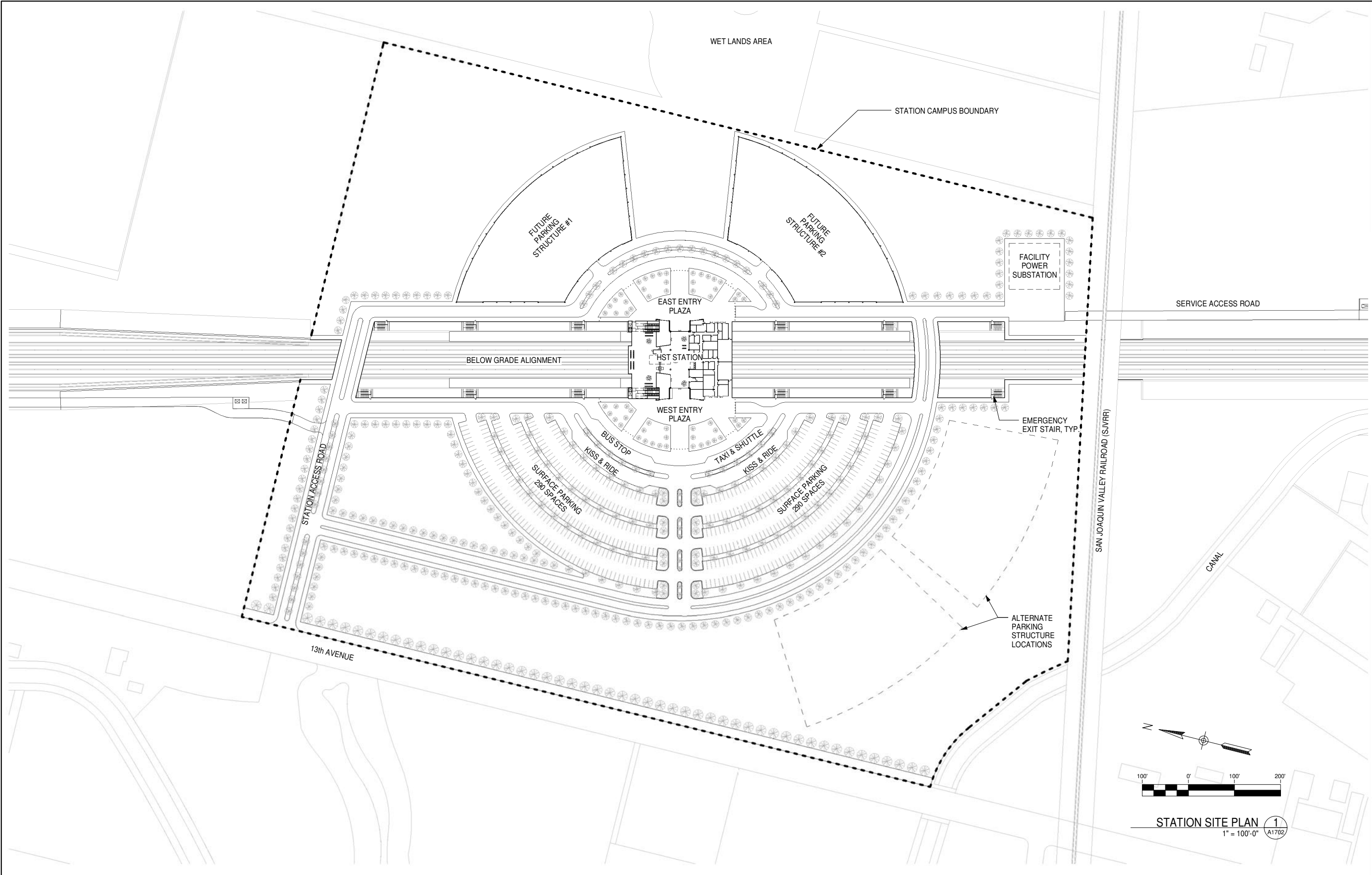
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 FRESNO TO BAKERSFIELD**
 HANFORD WEST BYPASS SUBSECTION
 ALIGNMENT HW
 KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
STATION AREA CONTEXT PLAN

CONTRACT NO.
HSR 06-0003
 DRAWING NO.
A1701
 SCALE
1" = 300'-0"
 SHEET NO.
1 OF 14



STATION SITE PLAN 1
1" = 100'-0" A1702

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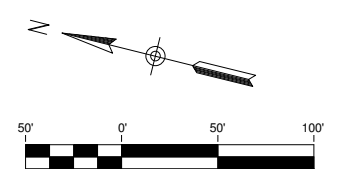
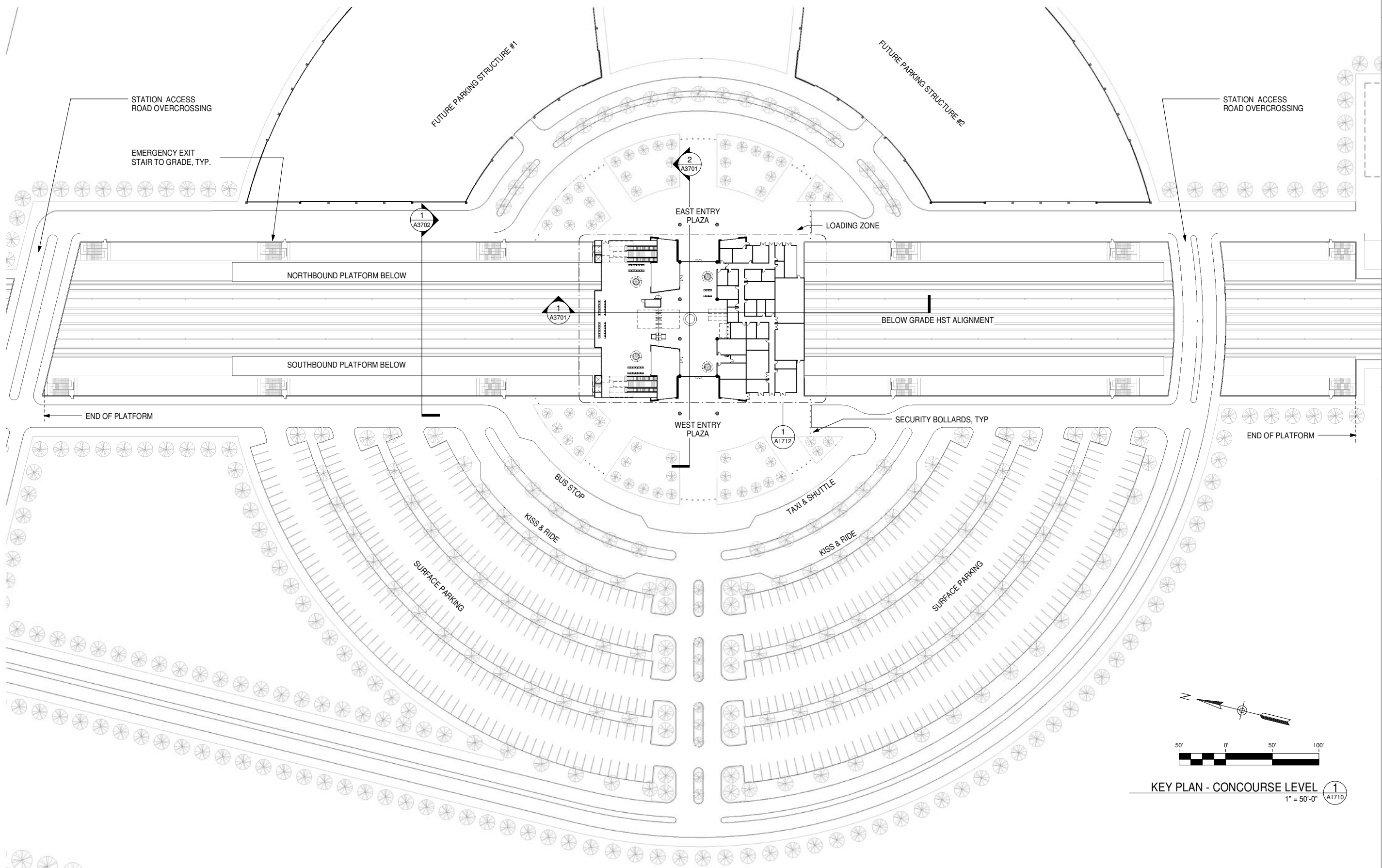


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FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
STATION SITE PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1702
SCALE
1" = 100'-0"
SHEET NO.
2 OF 14

GENERAL NOTES

KEY NOTES



KEY PLAN - CONCOURSE LEVEL (1)
1" = 50'-0" A1710

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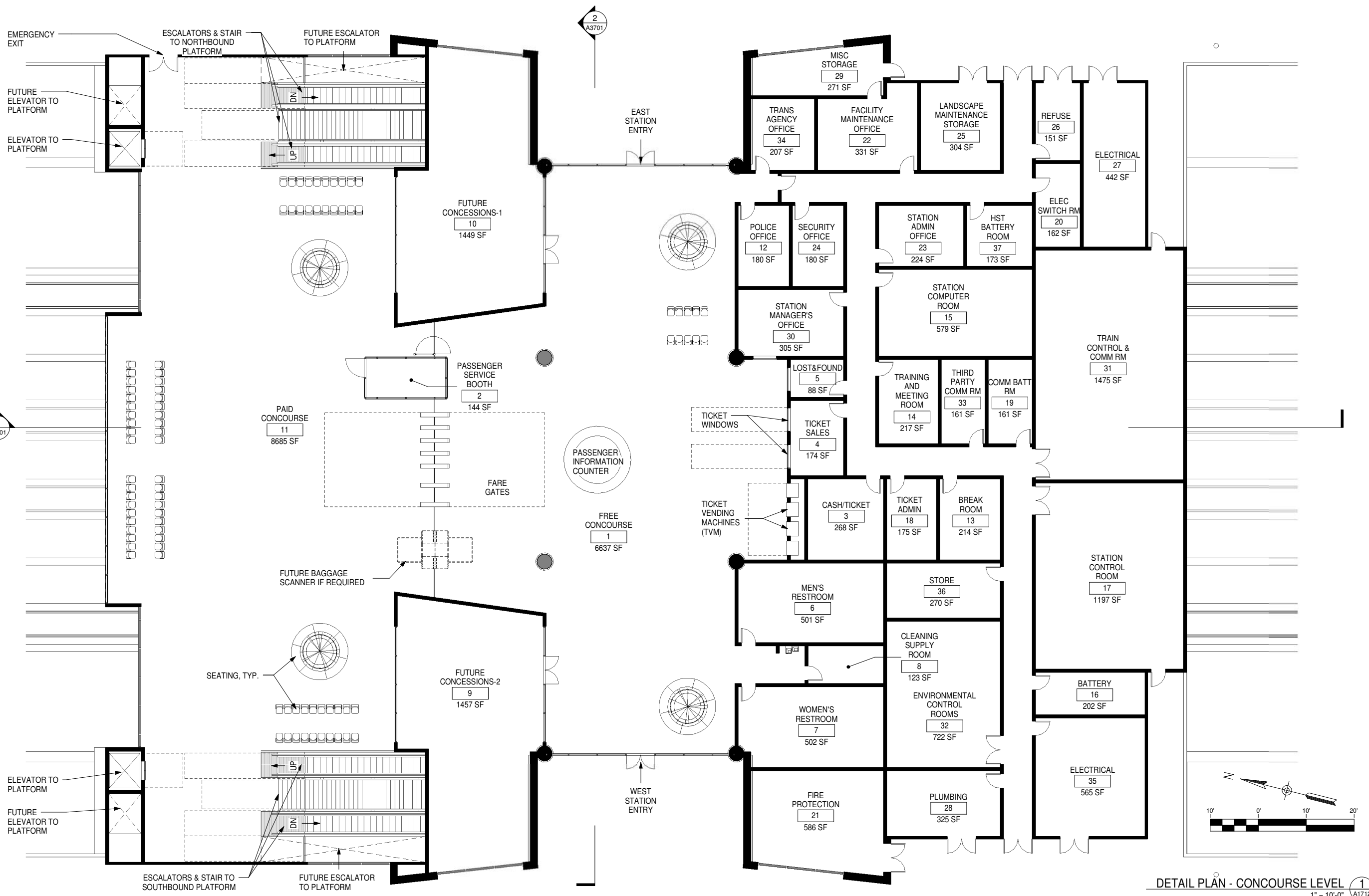
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FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
CONCOURSE KEY PLAN

CONTRACT NO.
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DRAWING NO.
A1710
SCALE
1" = 50'-0"
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3 OF 14

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DETAIL PLAN - CONCOURSE LEVEL 1
1" = 10'-0" A1712

GENERAL NOTES

KEY NOTES

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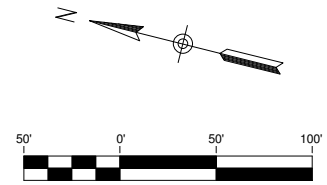
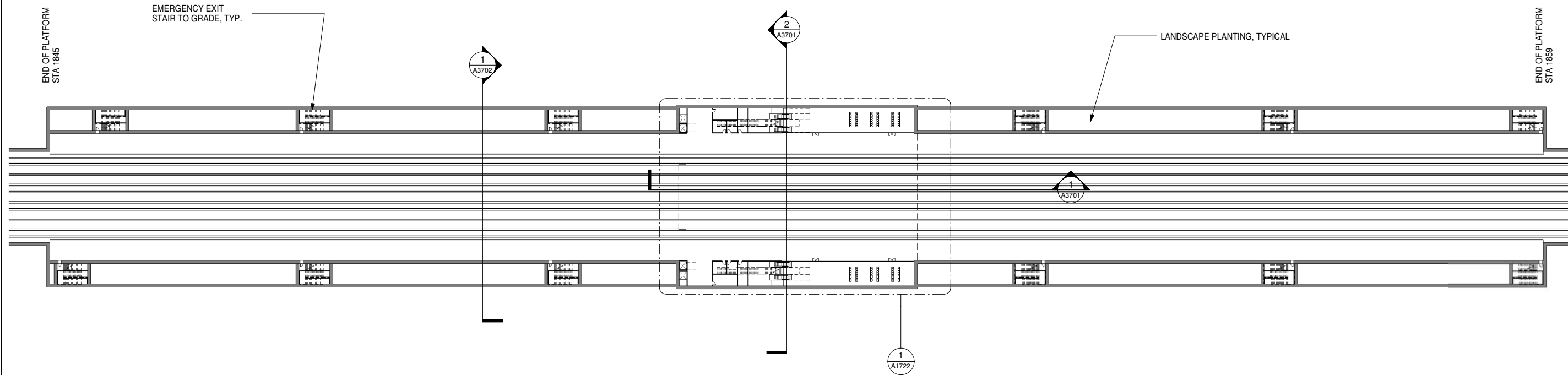


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FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
CONCOURSE DETAIL PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1712
SCALE
1" = 10'-0"
SHEET NO.
4 OF 14

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KEY PLAN - PLATFORM LEVEL 1
1" = 50'-0" A1720

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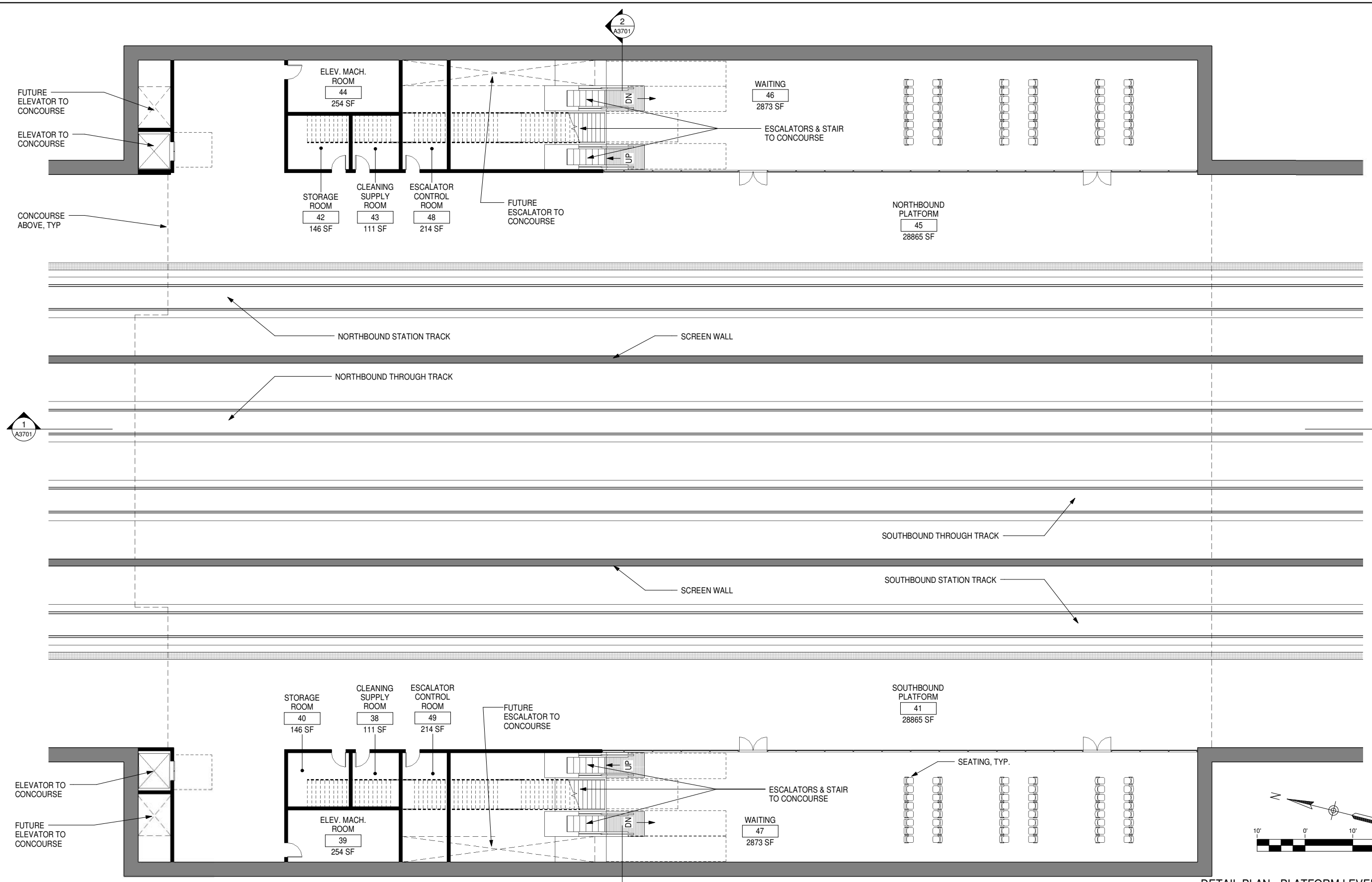


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
PLATFORM KEY PLAN

CONTRACT NO.
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DRAWING NO.
A1720
SCALE
1" = 50'-0"
SHEET NO.
5 OF 14

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DETAIL PLAN - PLATFORM LEVEL 1
1" = 10'-0" A1722

GENERAL NOTES

KEY NOTES

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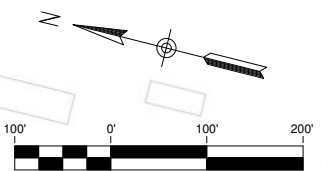
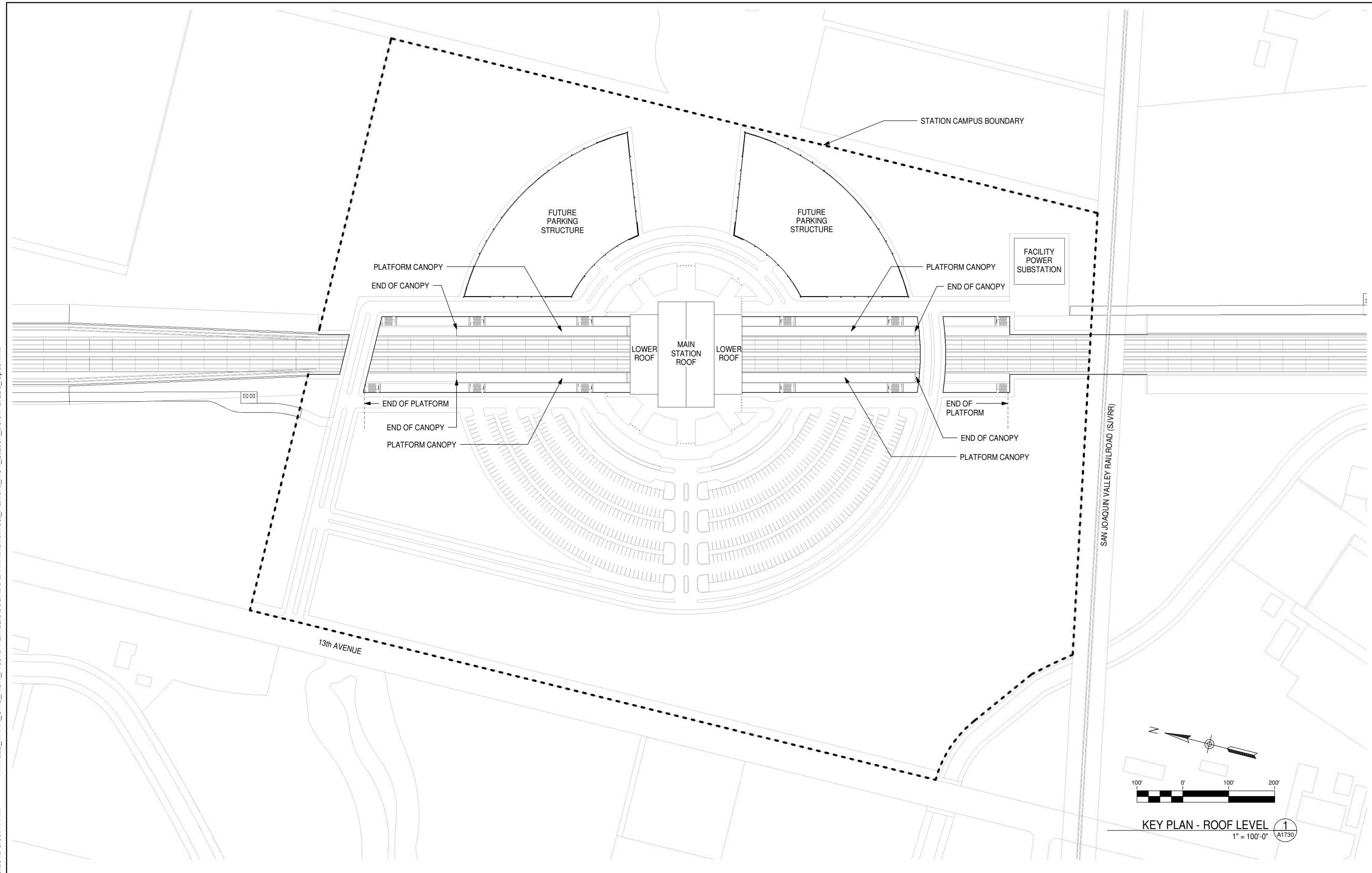
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
PLATFORM DETAIL PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1722
SCALE
1" = 10'-0"
SHEET NO.
6 OF 14



KEY PLAN - ROOF LEVEL
1" = 100'-0" 1
A1730

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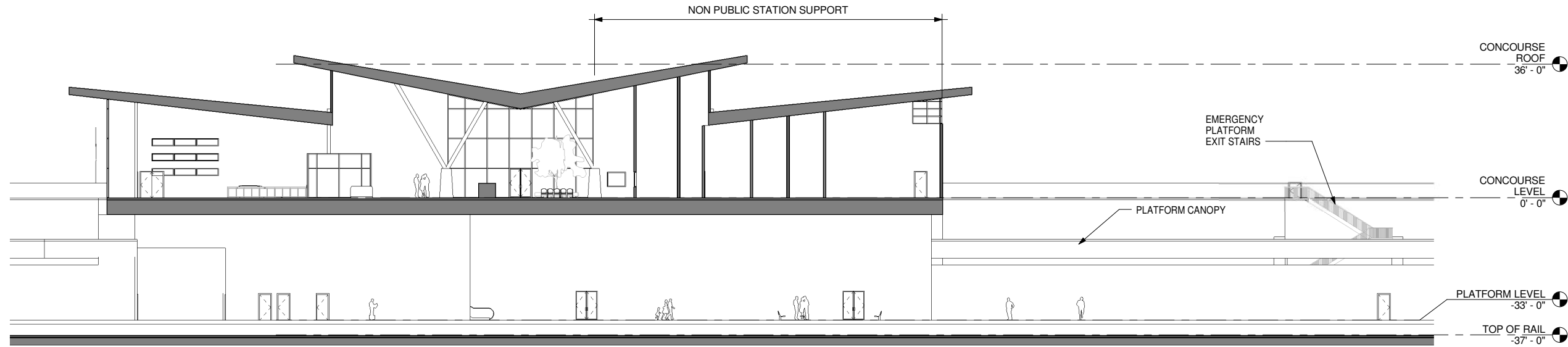


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ROOF KEY PLAN

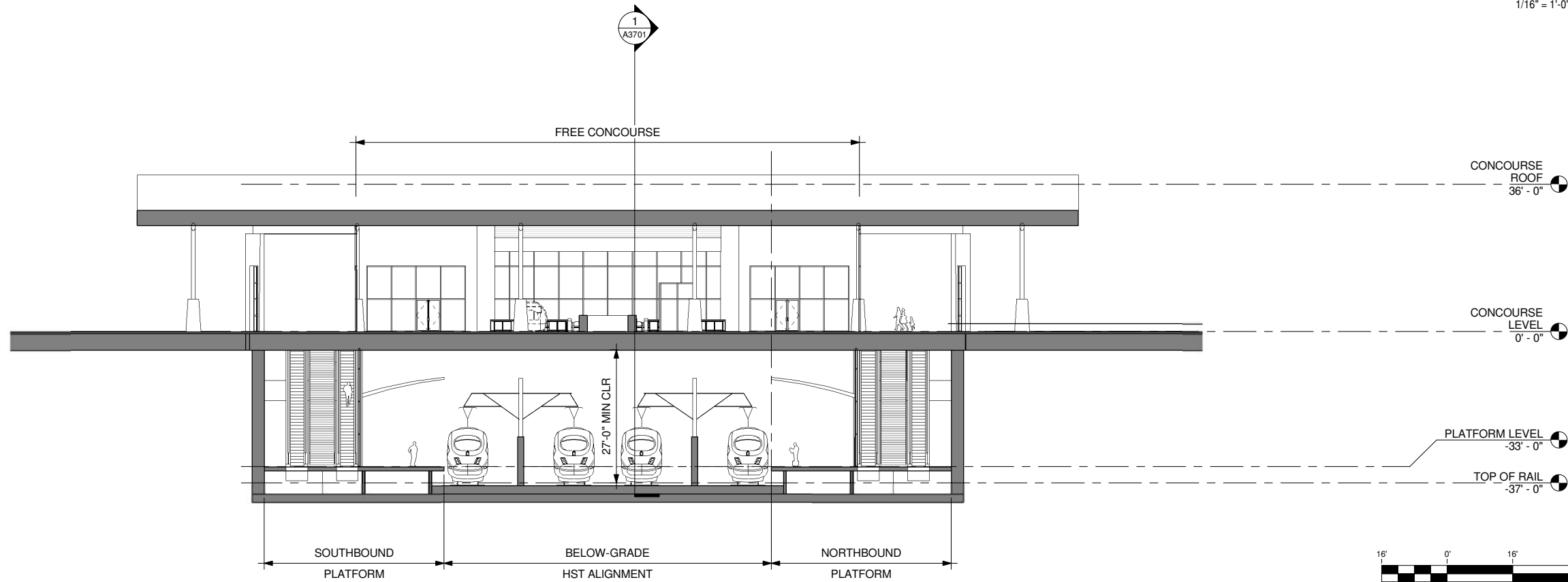
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DRAWING NO.
A1730
SCALE
1" = 100'-0"
SHEET NO.
7 OF 14

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LONGITUDINAL SECTION @ CONCOURSE 1
1/16" = 1'-0" A3701



TRANSVERSE SECTION @ CONCOURSE 2
1/16" = 1'-0" A3701



GENERAL NOTES

KEY NOTES

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 ALIGNMENT HW
 KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
BUILDING SECTIONS

CONTRACT NO.
HSR 06-0003

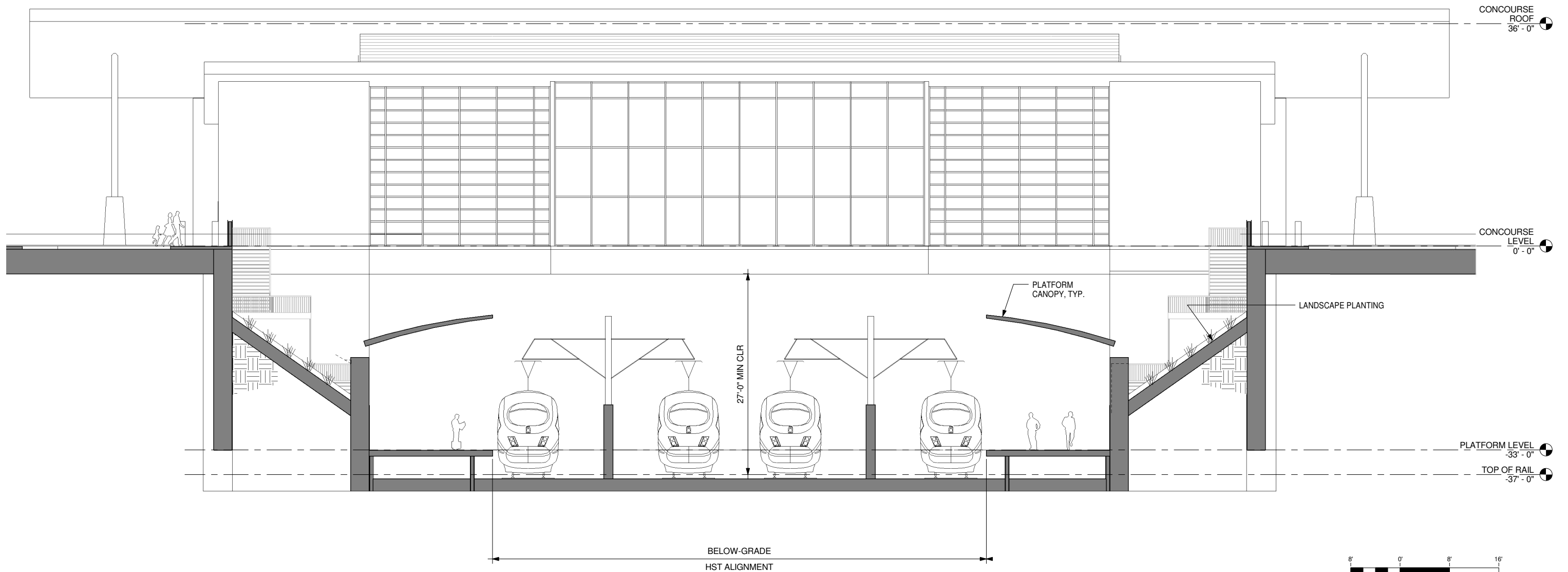
DRAWING NO.
A3701

SCALE
1/16" = 1'-0"

SHEET NO.
8 OF 14

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TRANSVERSE SECTION @ OPEN TRENCH 1
1/8" = 1'-0" A3702

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
BUILDING SECTION

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3702
SCALE
1/8" = 1'-0"
SHEET NO.
9 OF 14

ROOM SCHEDULE

No.	ROOM NAME	AREA	REQUIRED AREA	FORMULA	TM 2.2.2. REFERENCE	COMMENTS
1	FREE CONCOURSE	6637 SF		Table 6-2 *	6.3.2	
2	PASSENGER SERVICE BOOTH	144 SF			6.6.2.3	
3	CASH/TICKET	268 SF	260 SF		6.6.3.8	
4	TICKET SALES	174 SF	150 SF	75 SF per window	6.6.2.2	Two windows
5	LOST&FOUND	88 SF	80 SF		6.6.2.5	
6	MEN'S RESTROOM	501 SF		Size per code	6.3.4	
7	WOMEN'S RESTROOM	502 SF		Size per code	6.3.4	
8	CLEANING SUPPLY ROOM	123 SF	80 SF		6.6.4.2	
9	FUTURE CONCESSIONS-2	1457 SF	1500 SF	Table 6-3	6.3.5	
10	FUTURE CONCESSIONS-1	1449 SF	1500 SF	Table 6-3	6.3.5	
11	PAID CONCOURSE	8685 SF		Table 6-2 *	6.3.3	
12	POLICE OFFICE	180 SF	160 SF		6.6.2.6	
13	BREAK ROOM	214 SF	200 SF		6.6.3.12	
14	TRAINING AND MEETING ROOM	217 SF	200 SF		6.6.3.4	
15	STATION COMPUTER ROOM	579 SF	500 SF		6.6.3.6	
16	BATTERY	202 SF	200 SF		6.6.6.2	
17	STATION CONTROL ROOM	1197 SF	1100 SF		6.6.3.5	
18	TICKET ADMIN	175 SF	160 SF		6.6.3.7	
19	COMM BATT RM	161 SF	160 SF		6.6.7.1	
20	ELEC SWITCH RM	162 SF	160 SF		6.6.7.2	
21	FIRE PROTECTION	586 SF			6.6.6.3	
22	FACILITY MAINTENANCE OFFICE	331 SF	330 SF		6.6.3.10	
23	STATION ADMIN OFFICE	224 SF	200 SF	100 SF per assigned staff	6.6.3.2	
24	SECURITY OFFICE	180 SF	160 SF		6.6.3.9	
25	LANDSCAPE MAINTENANCE STORAGE	304 SF			6.6.4.4	
26	REFUSE	151 SF	150 SF		6.6.4.1	
27	ELECTRICAL	442 SF	450 SF		6.6.6.2	
28	PLUMBING	325 SF			6.6.6.4	
29	MISC STORAGE	271 SF	300 SF		6.6.4.5	
30	STATION MANAGER'S OFFICE	305 SF	270 SF		6.6.3.3	
31	TRAIN CONTROL & COMM RM	1475 SF	1280 SF		6.6.7.1	
32	ENVIRONMENTAL CONTROL ROOMS	722 SF			6.6.6.1	
33	THIRD PARTY COMM RM	161 SF	160 SF		6.6.7.1	
34	TRANS AGENCY OFFICE	207 SF			6.6.3.16	
35	ELECTRICAL	565 SF	450 SF		6.6.6.2	
36	STORE	270 SF	150 SF		6.6.4.3	
37	HST BATTERY ROOM	173 SF	160 SF		6.6.7.2	
38	CLEANING SUPPLY ROOM	111 SF	80 SF		6.6.4.2	
39	ELEV. MACH. ROOM	254 SF			6.5.3.6	
40	STORAGE ROOM	146 SF	100 SF		6.6.4.3	
41	SOUTHBOUND PLATFORM	28865 SF		25 min sf per boarding passenger *		
42	STORAGE ROOM	146 SF	100 SF		6.6.4.3	
43	CLEANING SUPPLY ROOM	111 SF	80 SF		6.6.4.2	
44	ELEV. MACH. ROOM	254 SF			6.5.3.6	
45	NORTHBOUND PLATFORM	28865 SF		25 min sf per boarding passenger *		
46	WAITING	2873 SF		Table 6-2 *	6.3.3.2	
47	WAITING	2873 SF		Table 6-2 *	6.3.3.2	
48	ESCALATOR CONTROL ROOM	214 SF				
49	ESCALATOR CONTROL ROOM	214 SF				

* STATION PUBLIC AREAS AND VERTICAL CIRCULATION ARE SIZED FOR PEAK PASSENGER FORECAST FOR FULL BUILD OUT (2035) AT 50% AIR FARES AS PROVIDED IN STATION AREA PARKING GUIDANCE TECHNICAL MEMORANDUM REV 4, DATED 6/20/2011

PEAK CUMULATIVE DAILY BOARDINGS OF 3,300 PASSENGERS

PEAK HOUR BOARDINGS (P60B) OF 495 PASSENGERS

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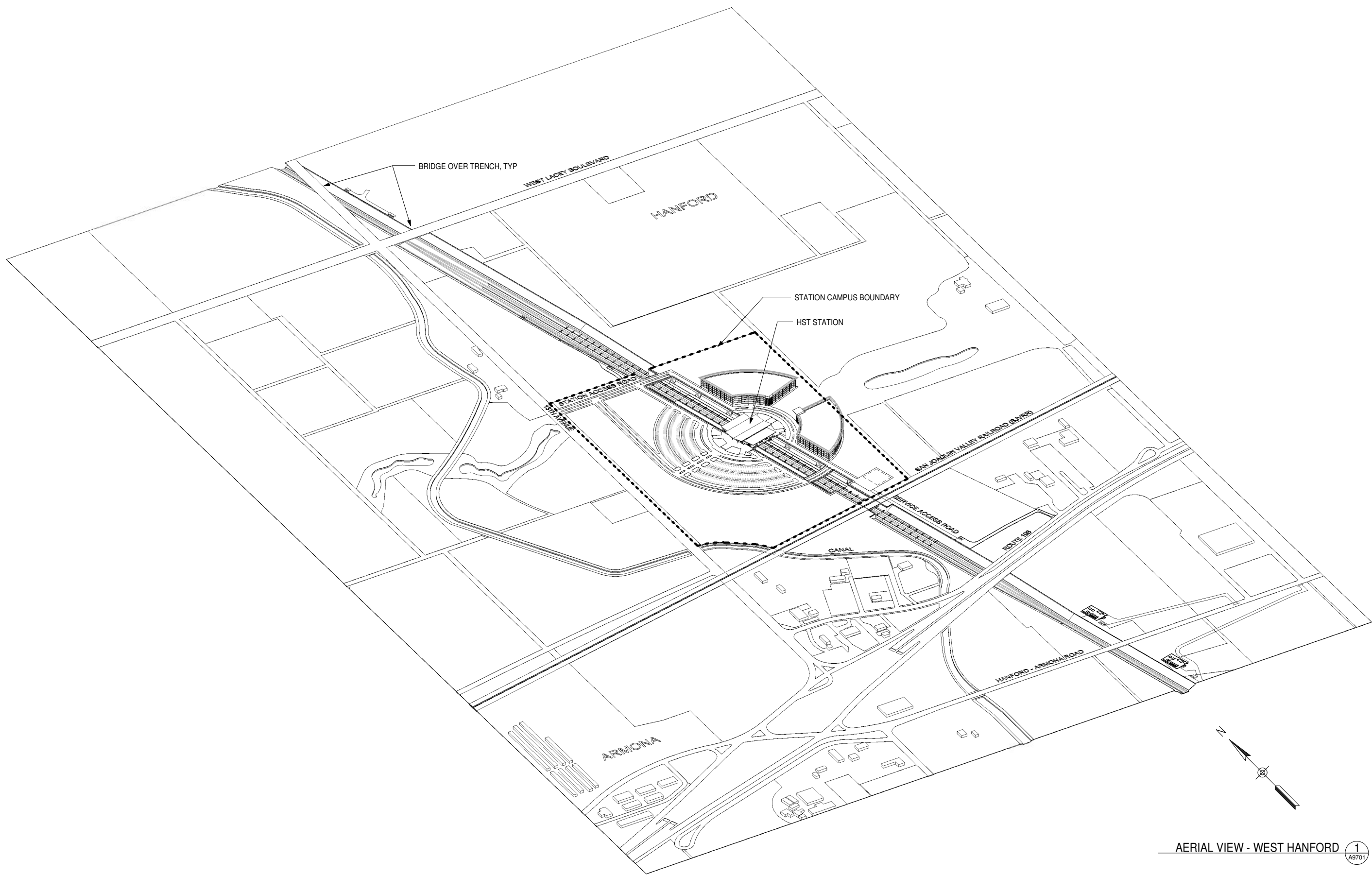
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 HANFORD WEST BYPASS SUBSECTION
 ALIGNMENT HW
 KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
ROOM SCHEDULE

CONTRACT NO.	HSR 06-0003
DRAWING NO.	A6701
SCALE	
SHEET NO.	10 OF 14



AERIAL VIEW - WEST HANFORD 1
A9701

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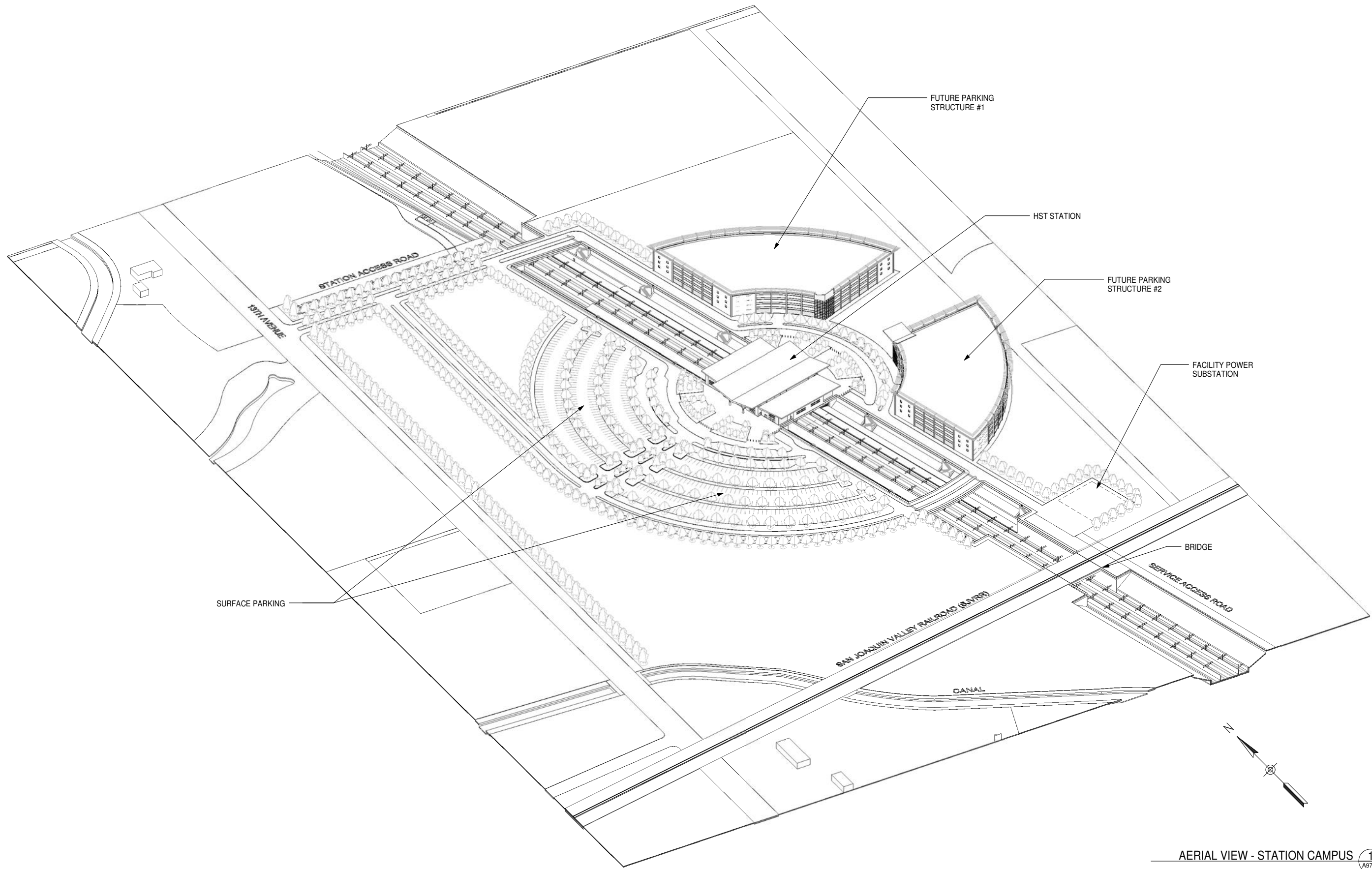


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
AERIAL VIEW - CONTEXT

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9701
SCALE
SHEET NO.
11 OF 14

GENERAL NOTES

KEY NOTES



AERIAL VIEW - STATION CAMPUS 1
A9702

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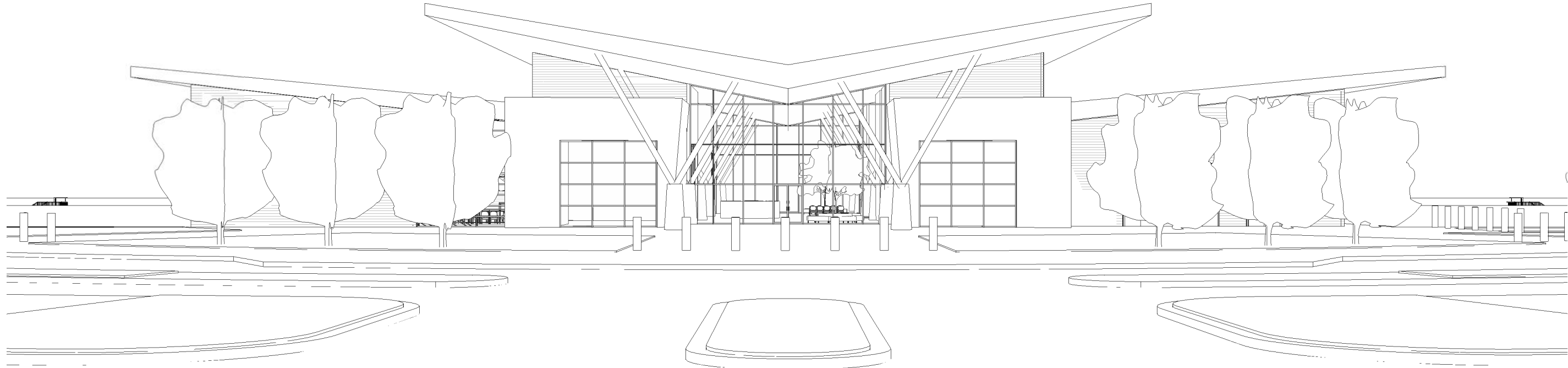
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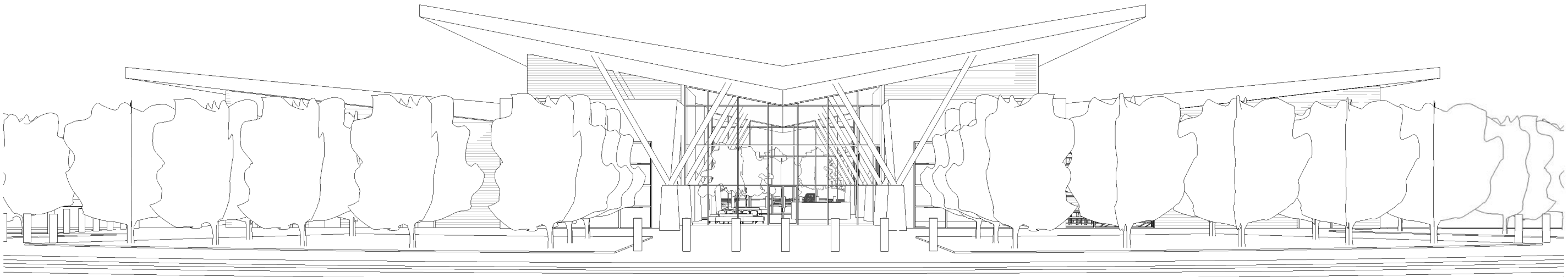


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
AERIAL VIEW - CAMPUS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9702
SCALE
SHEET NO.
12 OF 14



3D ELEVATION VIEW - WEST 1
A9703



3D ELEVATION VIEW - EAST 2
A9703

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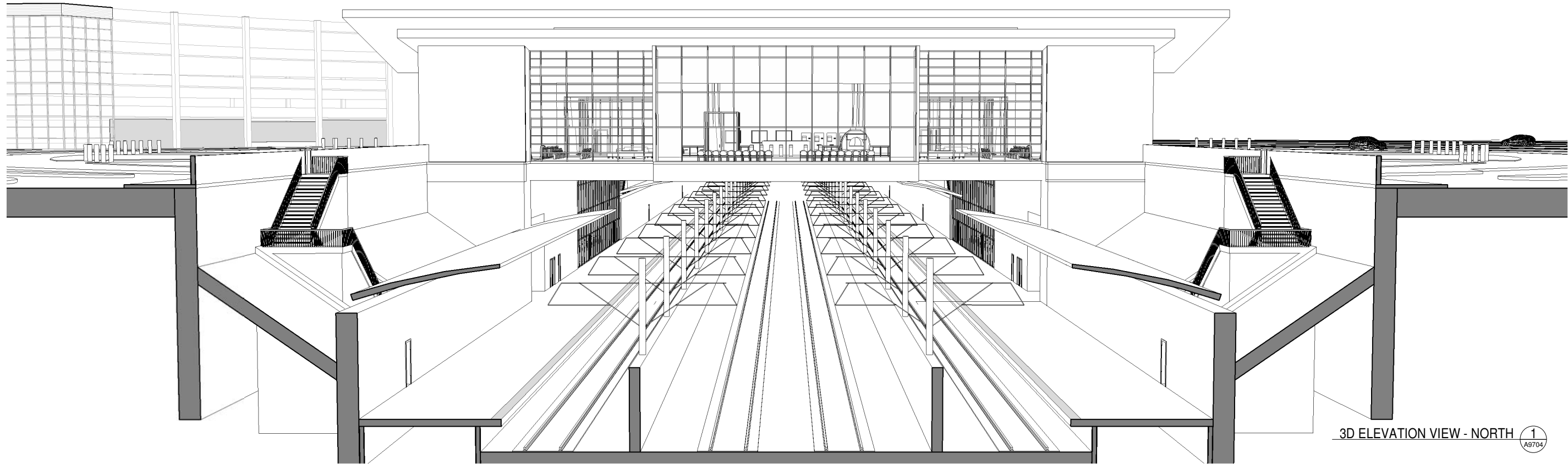


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
3D ELEVATION VIEWS

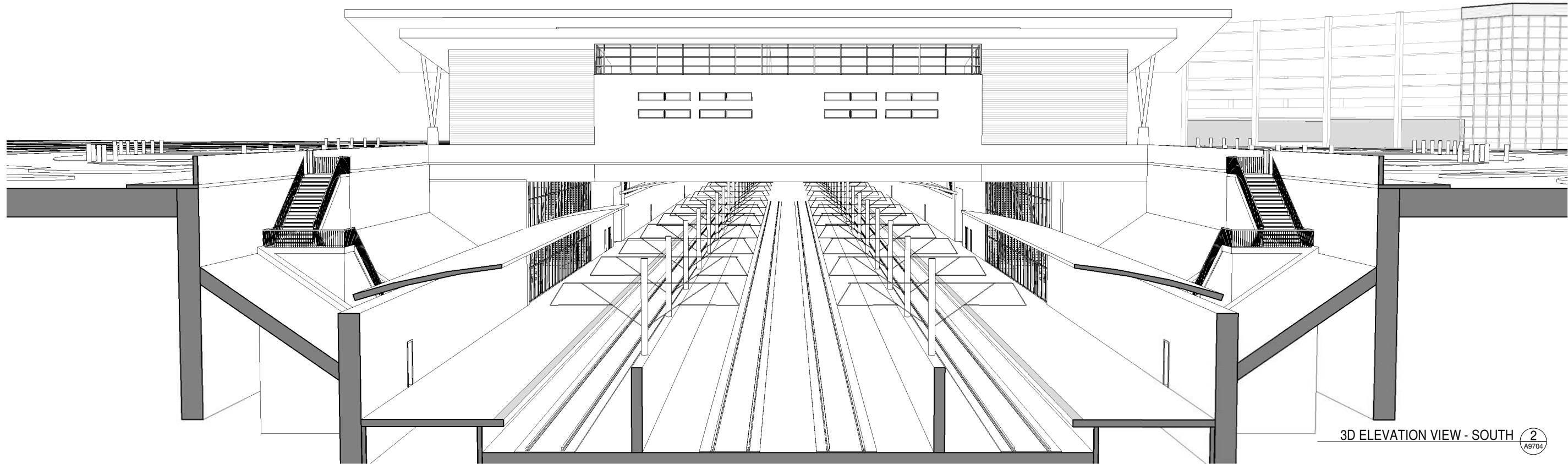
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DRAWING NO.
A9703
SCALE
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13 OF 14

GENERAL NOTES

KEY NOTES



3D ELEVATION VIEW - NORTH 1
A9704



3D ELEVATION VIEW - SOUTH 2
A9704

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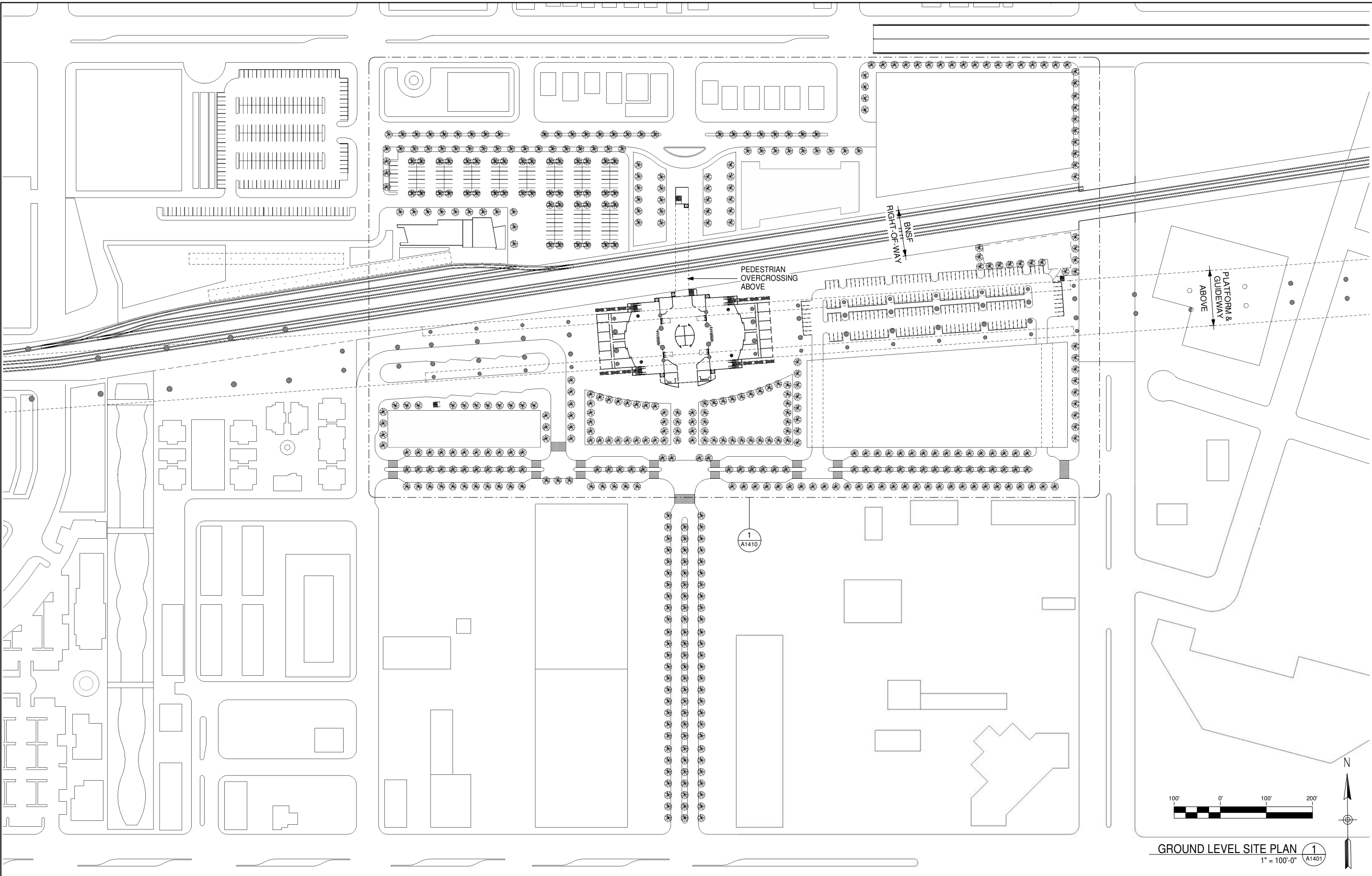
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
HANFORD WEST BYPASS SUBSECTION
ALIGNMENT HW
KINGS / TULARE REGIONAL STATION - WEST ALTERNATIVE (BELOW GRADE OPTION)
3D ELEVATION VIEWS

CONTRACT NO.
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A9704
SCALE
SHEET NO.
14 OF 14

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GROUND LEVEL SITE PLAN 1
1" = 100'-0" A1401

GENERAL NOTES

KEY NOTES

REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY
D. BACKMAN
CHECKED BY
F. KING
IN CHARGE
E. NAOR
DATE
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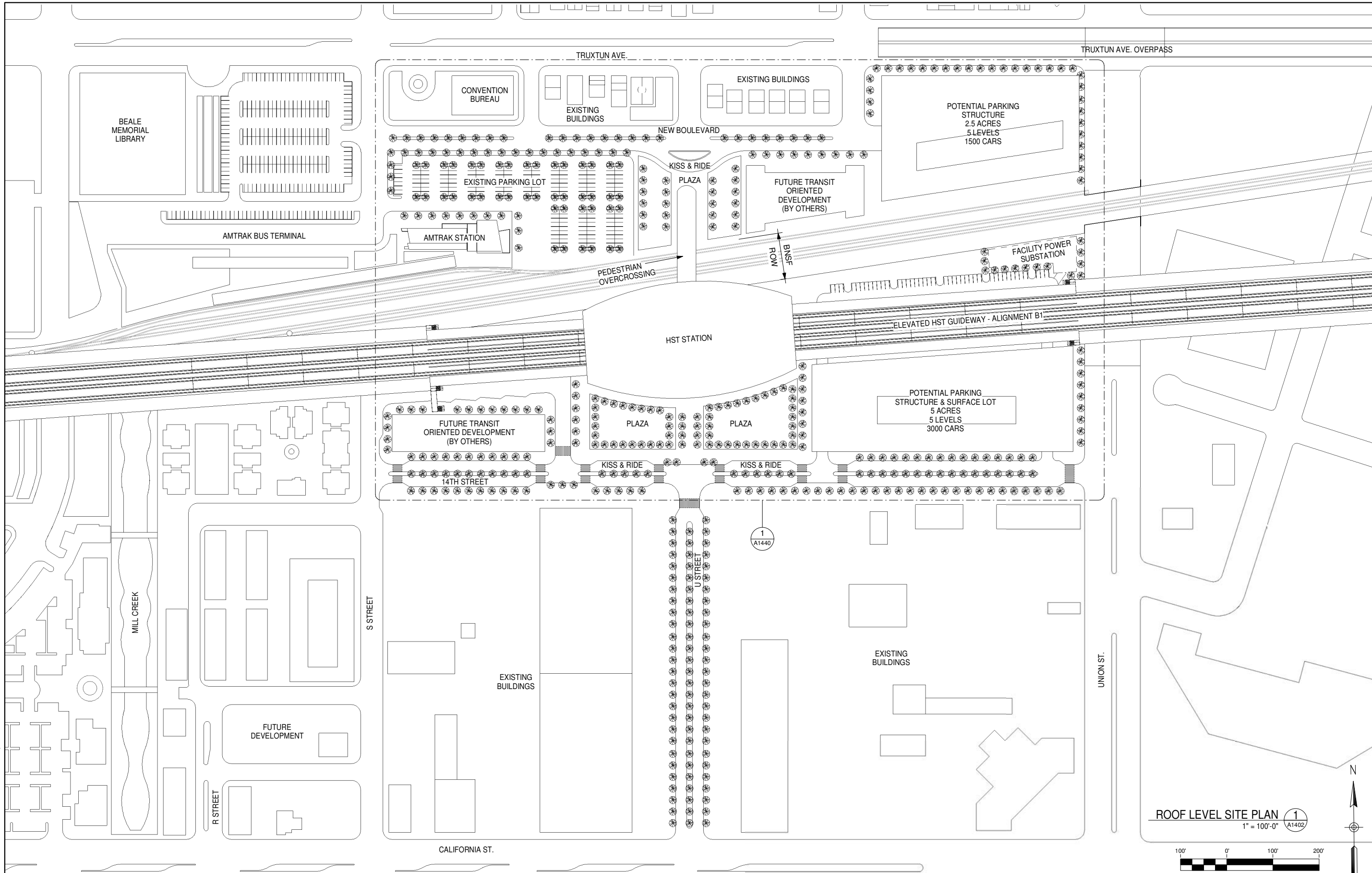
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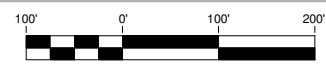
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
GROUND LEVEL SITE PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1401
SCALE
1" = 100'-0"
SHEET NO.
1 OF 14

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ROOF LEVEL SITE PLAN 1
1" = 100'-0" A1402



GENERAL NOTES

KEY NOTES

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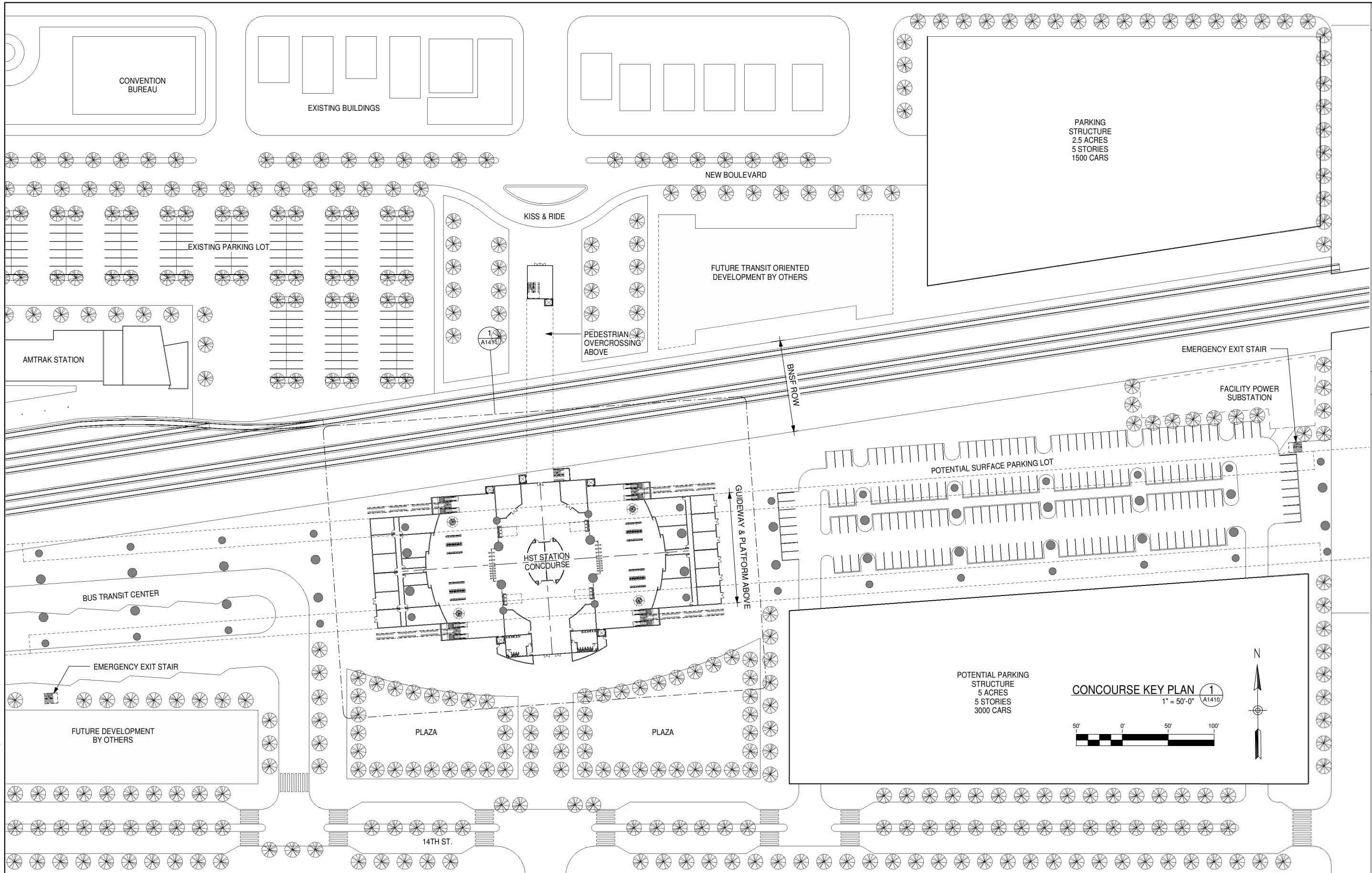


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FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
ROOF LEVEL SITE PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1402
SCALE
1" = 100'-0"
SHEET NO.
2 OF 14

GENERAL NOTES

KEY NOTES



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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
CONCOURSE KEY PLAN

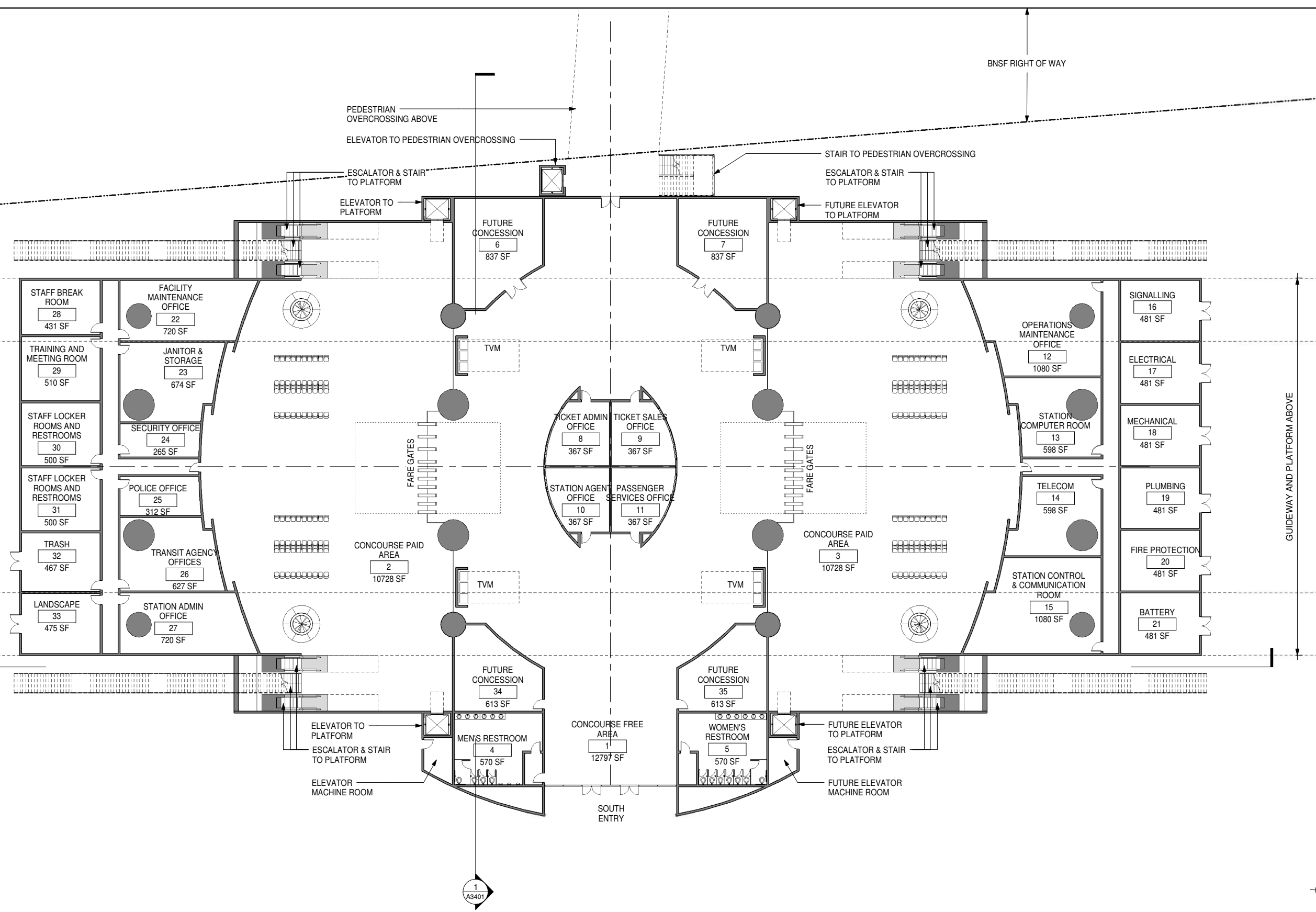
CONTRACT NO.
HSR 06-0003
DRAWING NO.
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SCALE
1" = 50'-0"
SHEET NO.
3 OF 14

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GENERAL NOTES

KEY NOTES



CONCOURSE FLOOR PLAN 1
1/16" = 1'-0" A1411



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FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
CONCOURSE FLOOR PLAN

CONTRACT NO.
HSR 06-0003

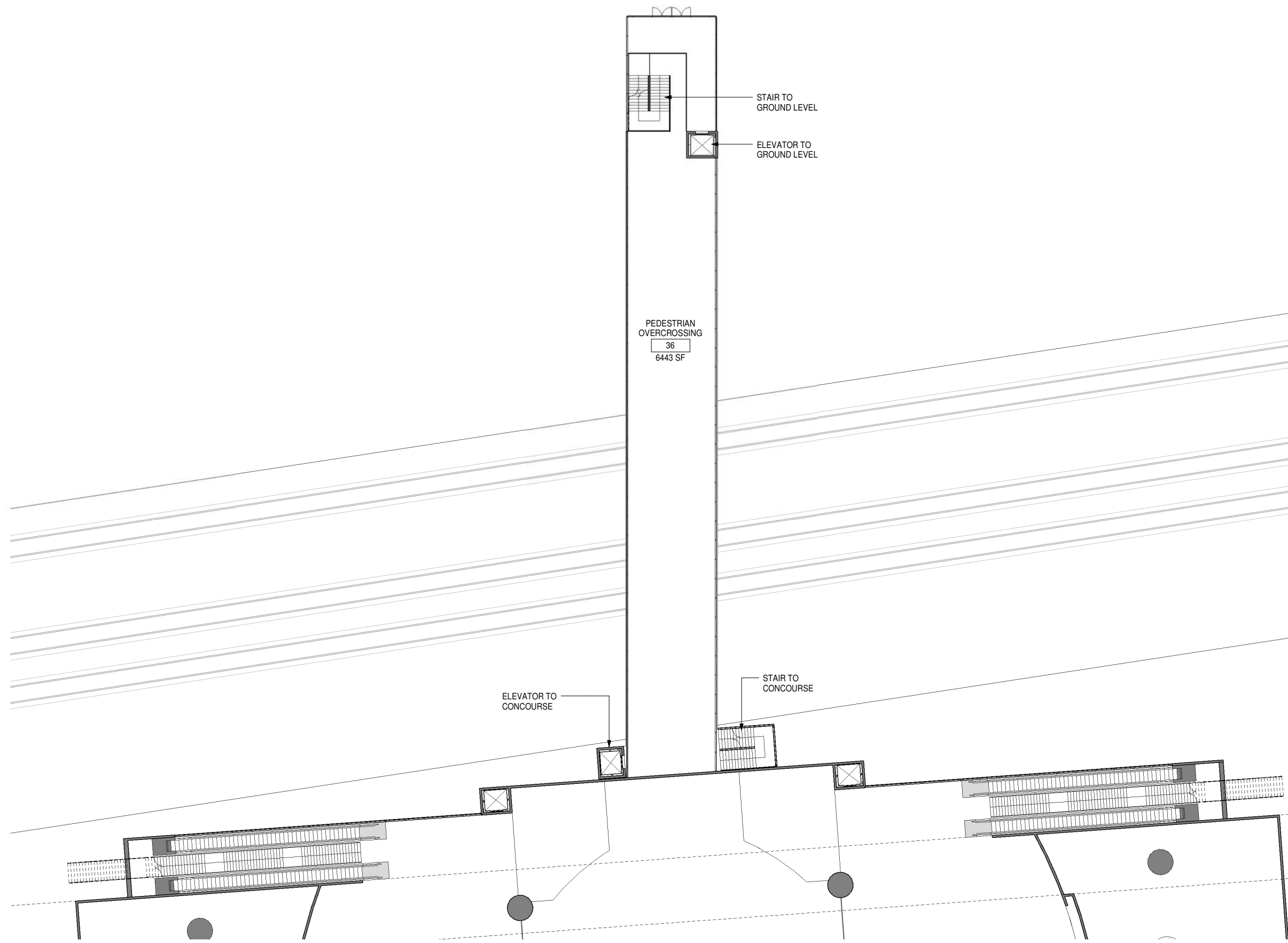
DRAWING NO.
A1411

SCALE
1/16" = 1'-0"

SHEET NO.
4 OF 14

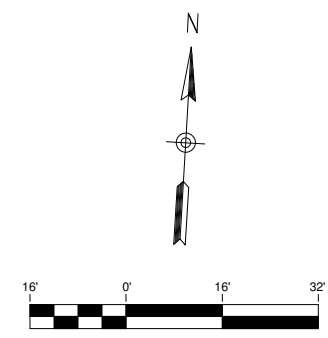
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PEDESTRIAN
OVERCROSSING
36
6443 SF

POC FLOOR PLAN 1
1/16" = 1'-0" A1421



GENERAL NOTES

KEY NOTES

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
PEDESTRIAN OVERCROSSING FLOOR PLAN

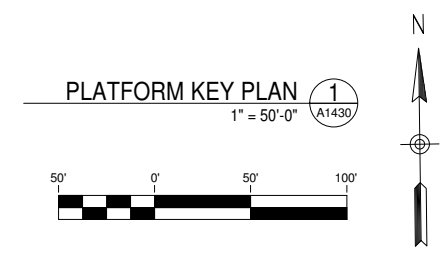
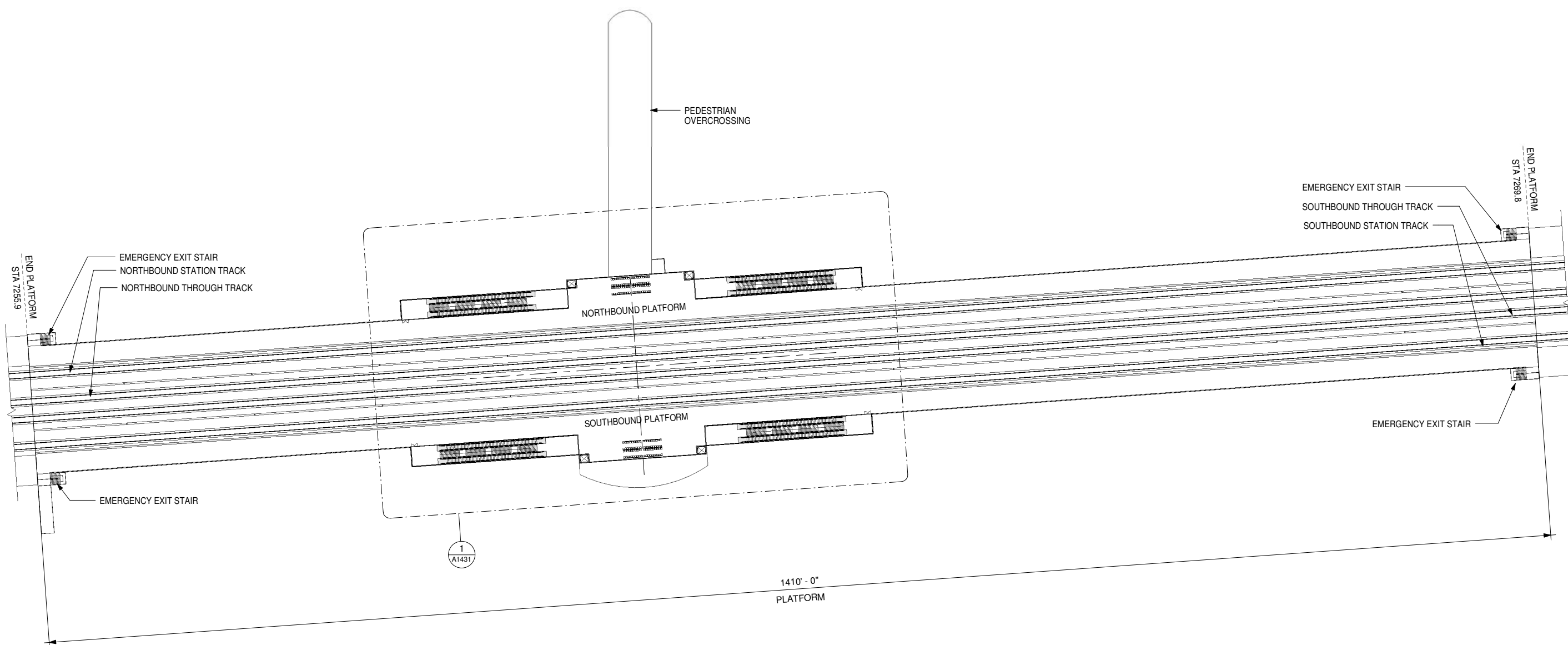
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HSR 06-0003
DRAWING NO.
A1421
SCALE
1/16" = 1'-0"
SHEET NO.
5 OF 14

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GENERAL NOTES

KEY NOTES



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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 BAKERSFIELD URBAN SUBSECTION
 ALIGNMENT B1
 BAKERSFIELD STATION - NORTH ALTERNATIVE
PLATFORM KEY PLAN

CONTRACT NO.
HSR 06-0003

DRAWING NO.
A1430

SCALE
1" = 50'-0"

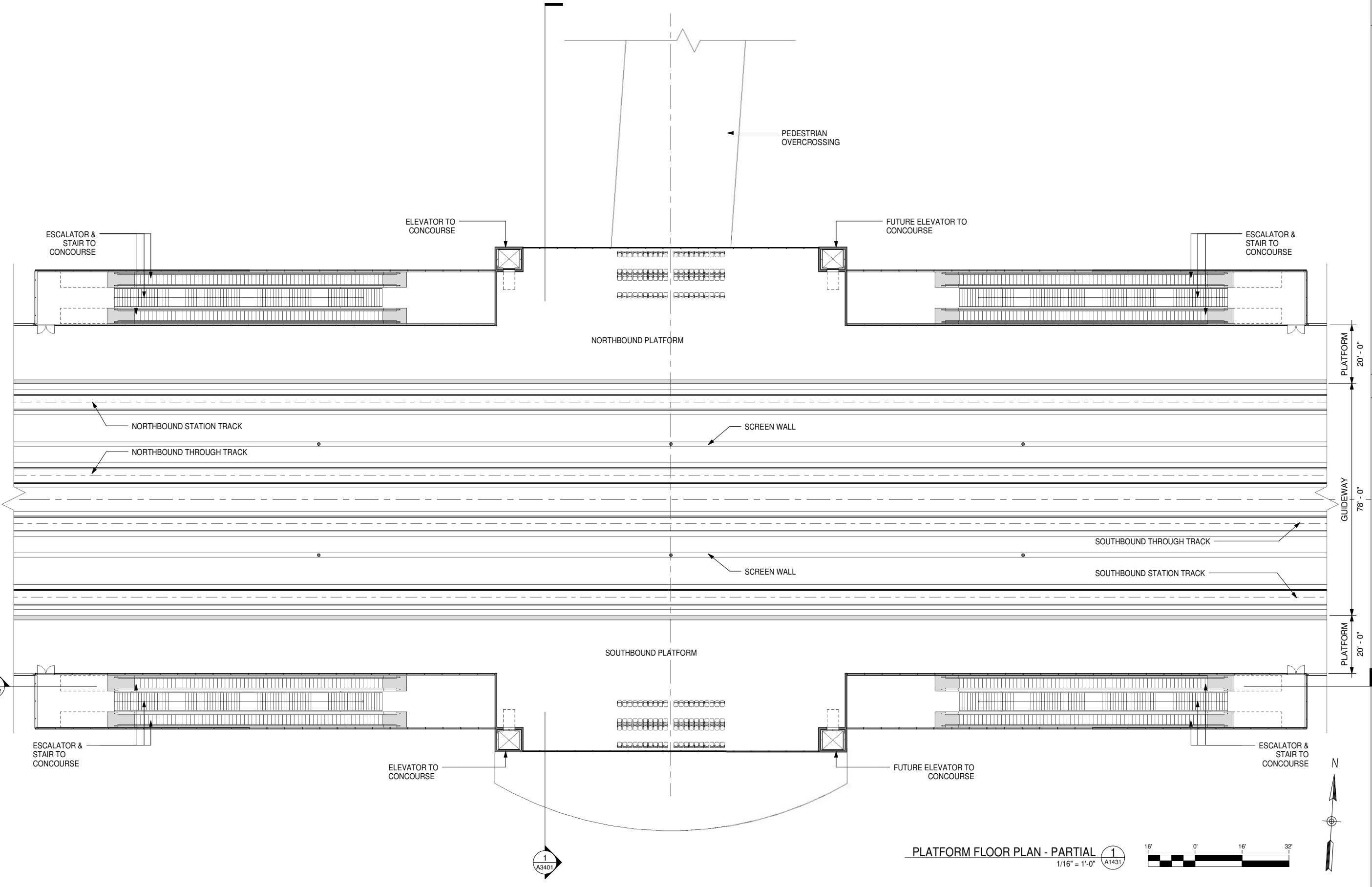
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6 OF 14

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GENERAL NOTES

KEY NOTES



PLATFORM FLOOR PLAN - PARTIAL 1
1/16" = 1'-0" A1431



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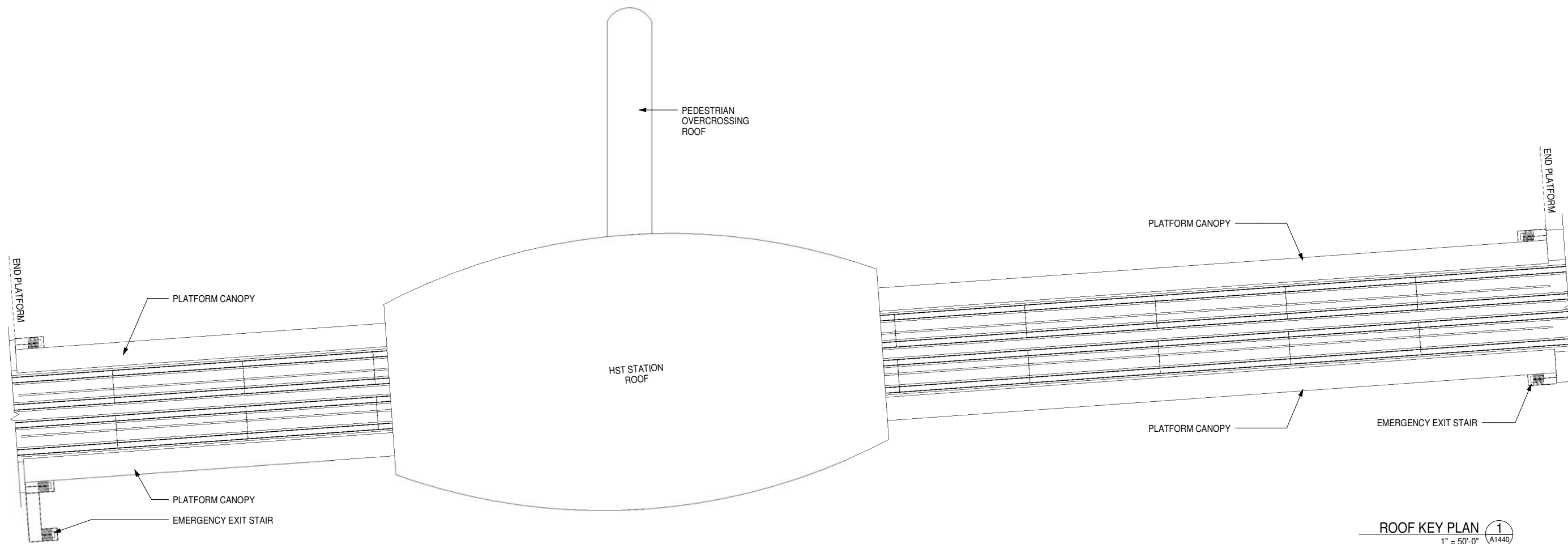


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
PLATFORM FLOOR PLAN

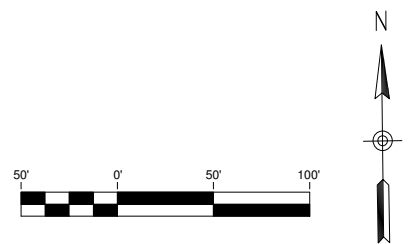
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1431
SCALE
1/16" = 1'-0"
SHEET NO.
7 OF 14

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ROOF KEY PLAN 1
1" = 50'-0" A1440



GENERAL NOTES

KEY NOTES

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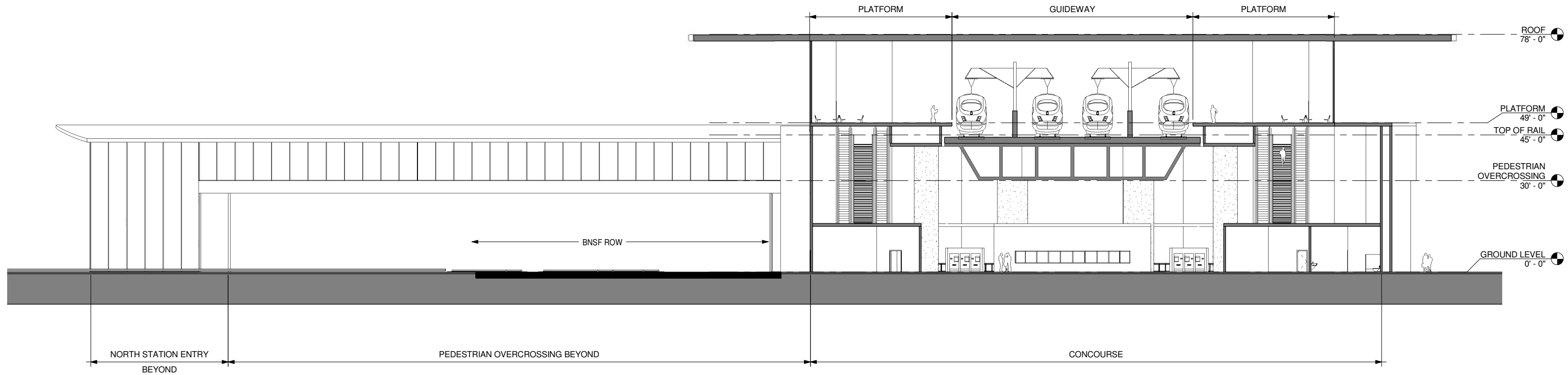


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
ROOF KEY PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1440
SCALE
1" = 50'-0"
SHEET NO.
8 OF 14

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TRANSVERSE SECTION 1
1/16" = 1'-0" A3401



GENERAL NOTES

KEY NOTES

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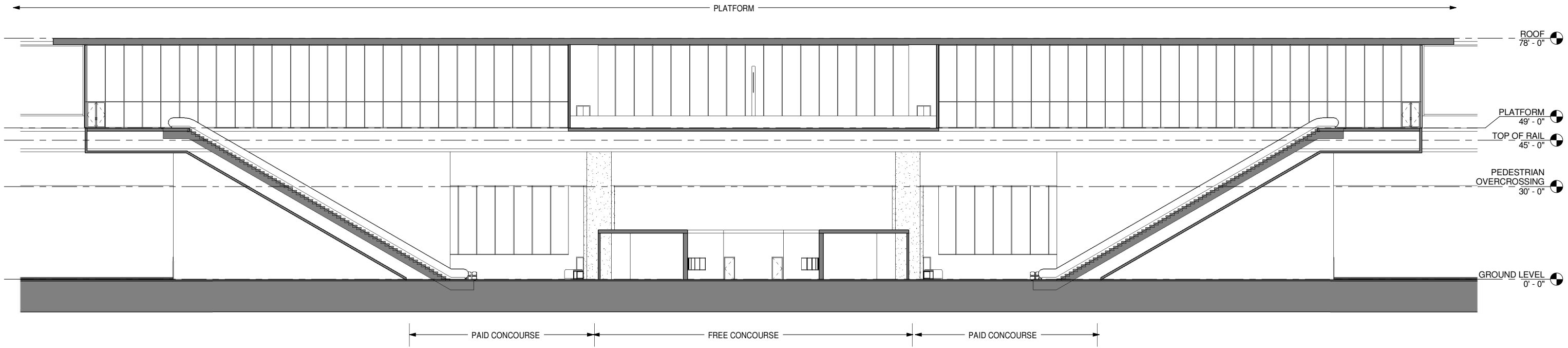


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
BUILDING SECTION

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3401
SCALE
1/16" = 1'-0"
SHEET NO.
9 OF 14

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LONGITUDINAL SECTION 1
1/16" = 1'-0" A3402



GENERAL NOTES

KEY NOTES

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
BUILDING SECTION

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3402
SCALE
1/16" = 1'-0"
SHEET NO.
10 OF 14

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No.	NAME	AREA	REQUIRED AREA	FORMULA	Comments
1	CONCOURSE FREE AREA	12797 SF	10969 SF	P15x30sf/person	
2	CONCOURSE PAID AREA	10728 SF	10969 SF	P15x30sqft	
3	CONCOURSE PAID AREA	10728 SF	10969 SF	P15x30sqft	
4	MEN'S RESTROOM	570 SF	366 SF	P15	
5	WOMEN'S RESTROOM	570 SF	366 SF	P15	
6	FUTURE CONCESSION	837 SF		Not specified in Technical Memorandum 2.2.2	
7	FUTURE CONCESSION	837 SF		Not specified in Technical Memorandum 2.2.2	
8	TICKET ADMIN OFFICE	367 SF	160 SF	160 SF	
9	TICKET SALES OFFICE	367 SF	141 SF	$((P60bx.15)/(1.5 \times 60)) \times 75$ sqft	
10	STATION AGENT OFFICE	367 SF	270 SF	270 SF	
11	PASSENGER SERVICES OFFICE	367 SF	160 SF	160 SF	
12	OPERATIONS MAINTENANCE OFFICE	1080 SF	1080 SF	1080 SF	
13	STATION COMPUTER ROOM	598 SF	520 SF	520 SF	
14	TELECOM	598 SF			
15	STATION CONTROL & COMMUNICATION ROOM	1080 SF	1080 SF	1080 SF	
16	SIGNALLING	481 SF			
17	ELECTRICAL	481 SF			
18	MECHANICAL	481 SF			
19	PLUMBING	481 SF			
20	FIRE PROTECTION	481 SF			
21	BATTERY	481 SF			
22	FACILITY MAINTENANCE OFFICE	720 SF	325 SF	325 SF	
23	JANITOR & STORAGE	674 SF	240 SF	240 SF x 3	
24	SECURITY OFFICE	265 SF	160 SF	160 SF	
25	POLICE OFFICE	312 SF	160 SF	160 SF	
26	TRANSIT AGENCY OFFICES	627 SF		based on demand	
27	STATION ADMIN OFFICE	720 SF		$((65sqft \times \text{staff with own workspace}) + (43sqft \times \text{staff with shared workspace})) \times 1.25$	
28	STAFF BREAK ROOM	431 SF	125 SF	$(20sqft \times .25 \times \text{max staff per shift} \times 1.25)$	
29	TRAINING AND MEETING ROOM	510 SF	500 SF	$(20sqft \times \text{max staff per shift} \times 1.25)$	
30	STAFF LOCKER ROOMS AND RESTROOMS	500 SF		local codes	
31	STAFF LOCKER ROOMS AND RESTROOMS	500 SF		local codes	
32	TRASH	467 SF			
33	LANDSCAPE	475 SF			
34	FUTURE CONCESSION	613 SF		Not specified in Technical Memorandum 2.2.2	
35	FUTURE CONCESSION	613 SF		Not specified in Technical Memorandum 2.2.2	
36	PEDESTRIAN OVERCROSSING	6443 SF			
37	Room	987 SF			

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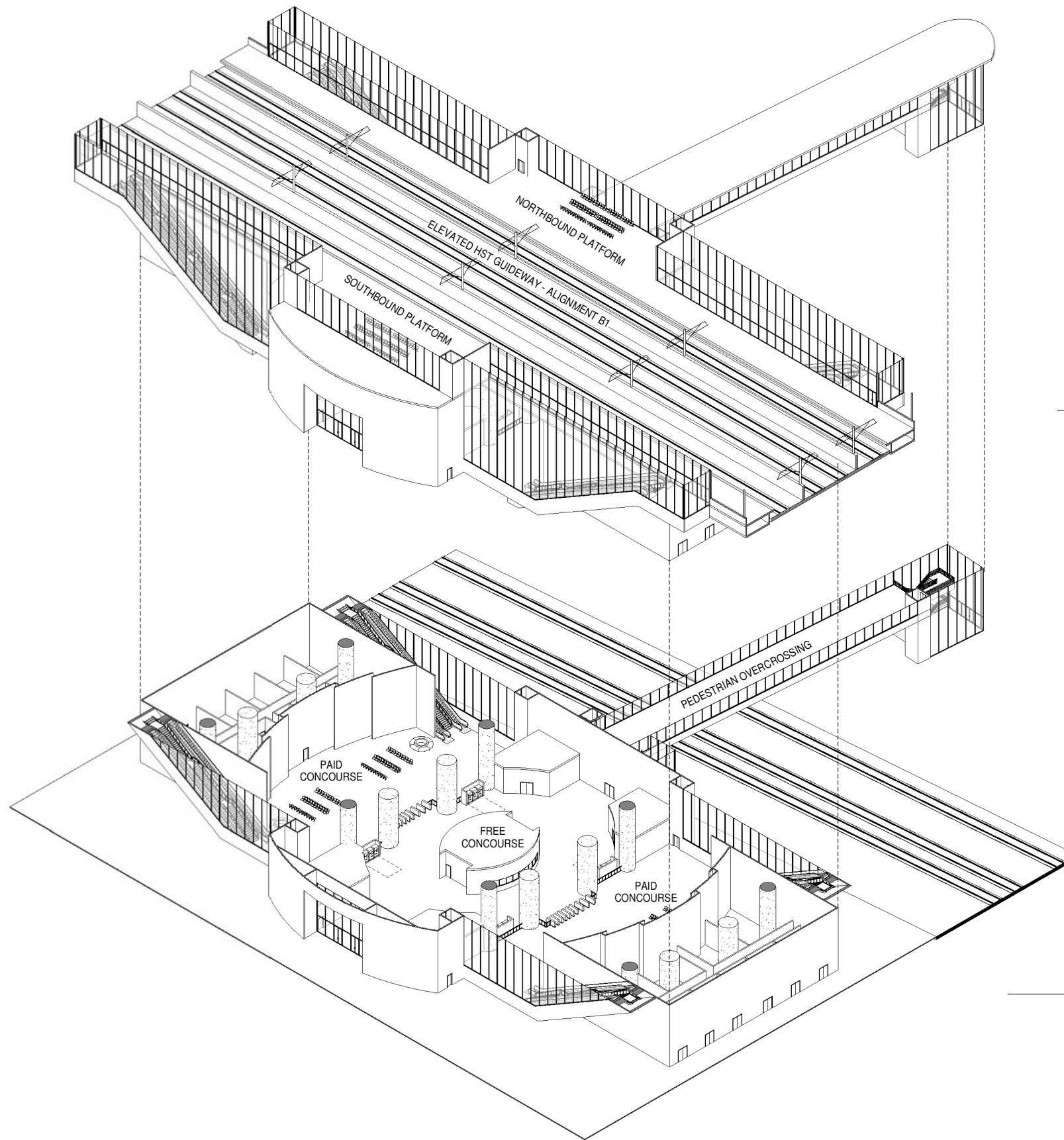


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
ROOM SCHEDULE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A6401
SCALE
SHEET NO.
11 OF 14

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AXONOMETRIC VIEW - PLATFORM 2
A9401

AXONOMETRIC VIEW - CONCOURSE 1
A9401

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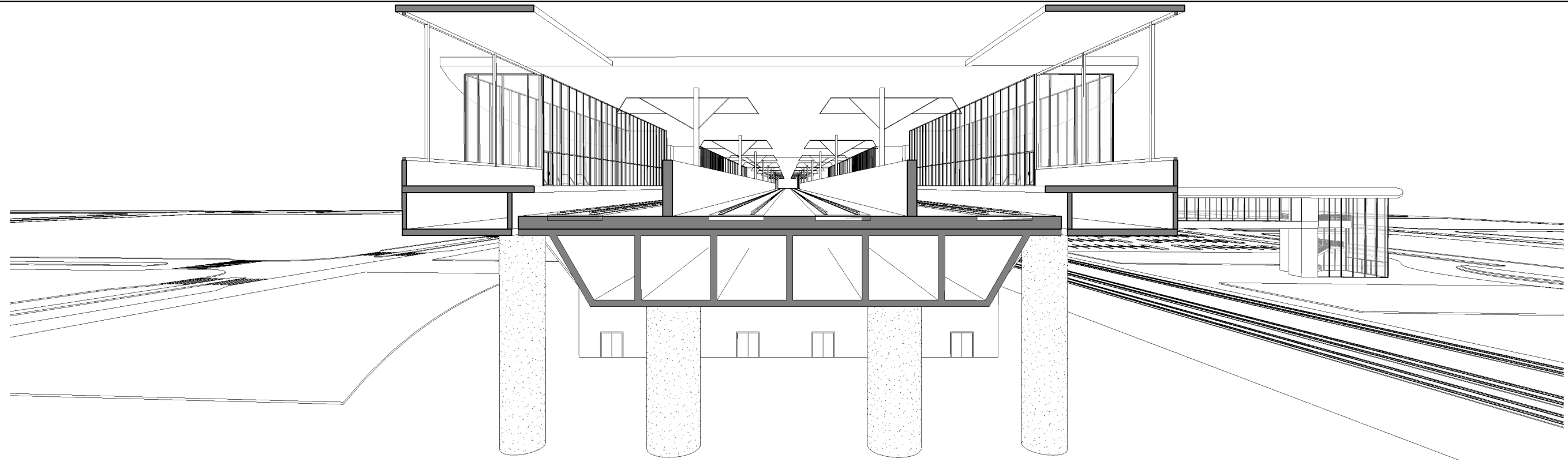


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
AXONOMETRIC VIEWS

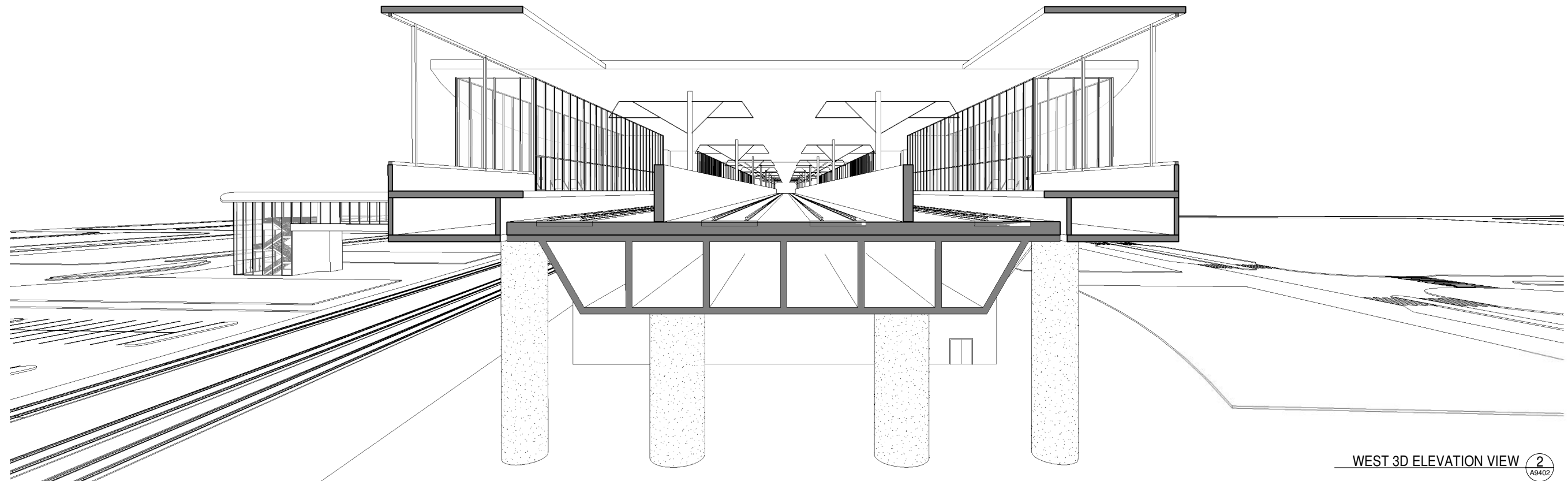
CONTRACT NO.
HSR 06-0003
DRAWING NO.
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SCALE
SHEET NO.
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EAST 3D ELEVATION VIEW 1
A9402



WEST 3D ELEVATION VIEW 2
A9402

GENERAL NOTES

KEY NOTES

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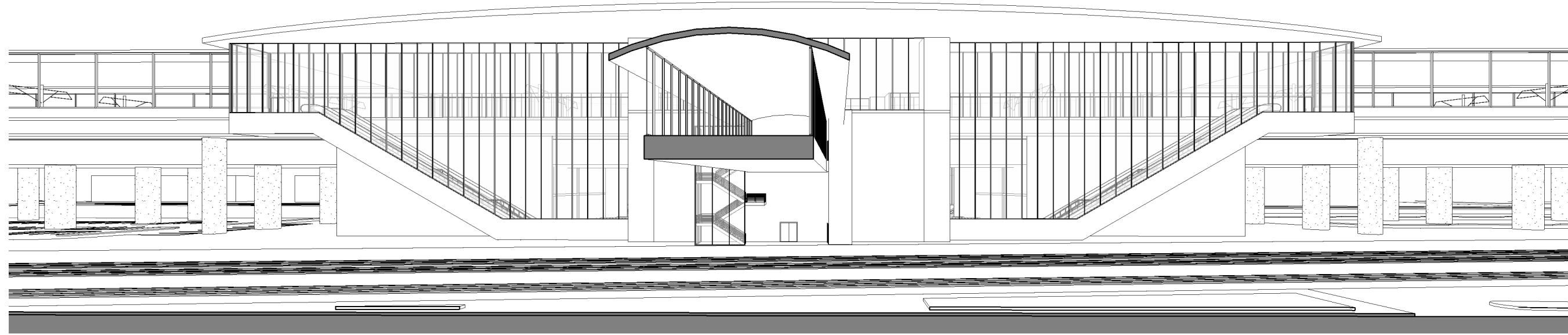
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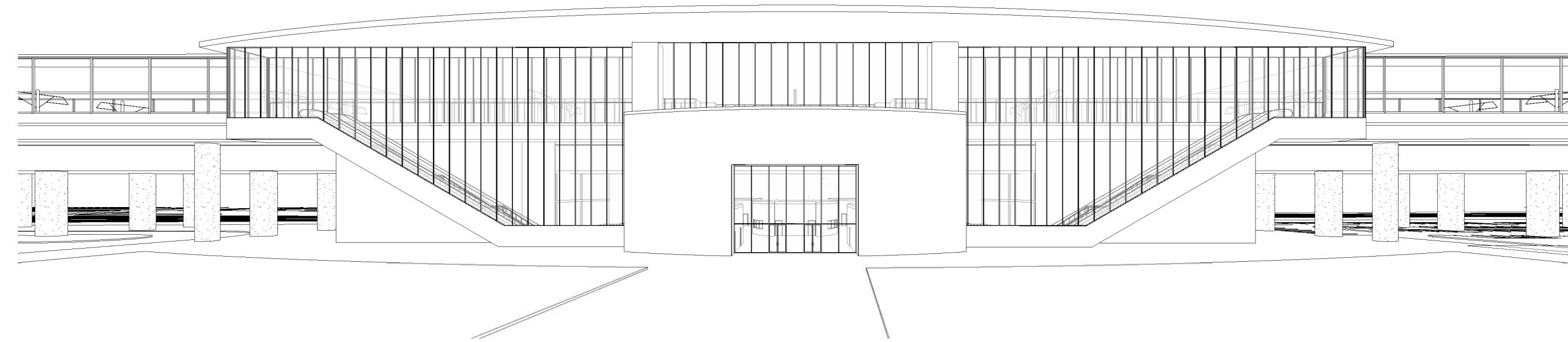


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9402
SCALE
SHEET NO.
13 OF 14



NORTH 3D ELEVATION VIEW 1
A9403



SOUTH 3D ELEVATION VIEW 2
A9403

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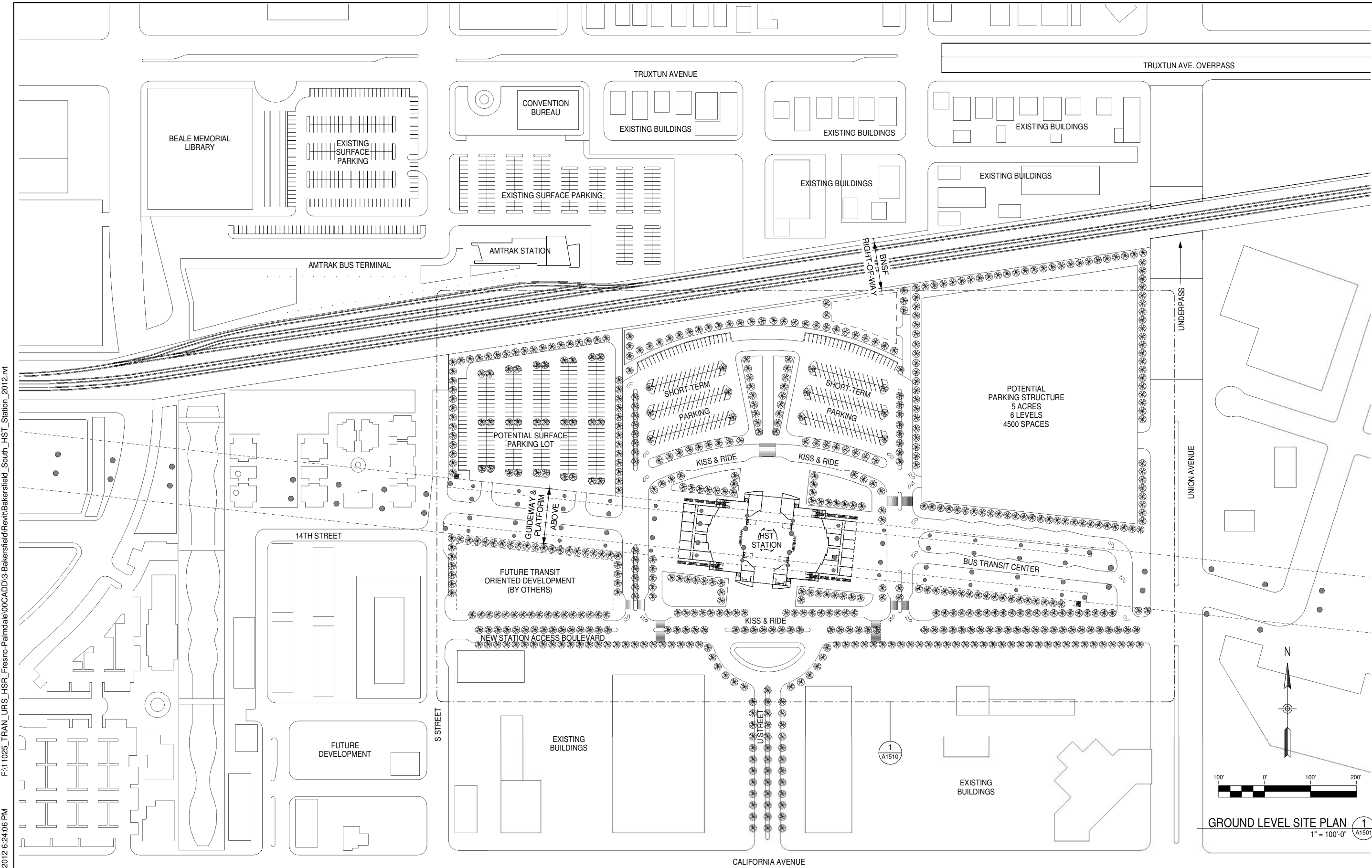
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B1
BAKERSFIELD STATION - NORTH ALTERNATIVE
3D ELEVATION VIEWS

CONTRACT NO.
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DRAWING NO.
A9403
SCALE
SHEET NO.
14 OF 14



KEY NOTES

GROUND LEVEL SITE PLAN 1
1" = 100'-0" A1501

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E. NAOR
DATE
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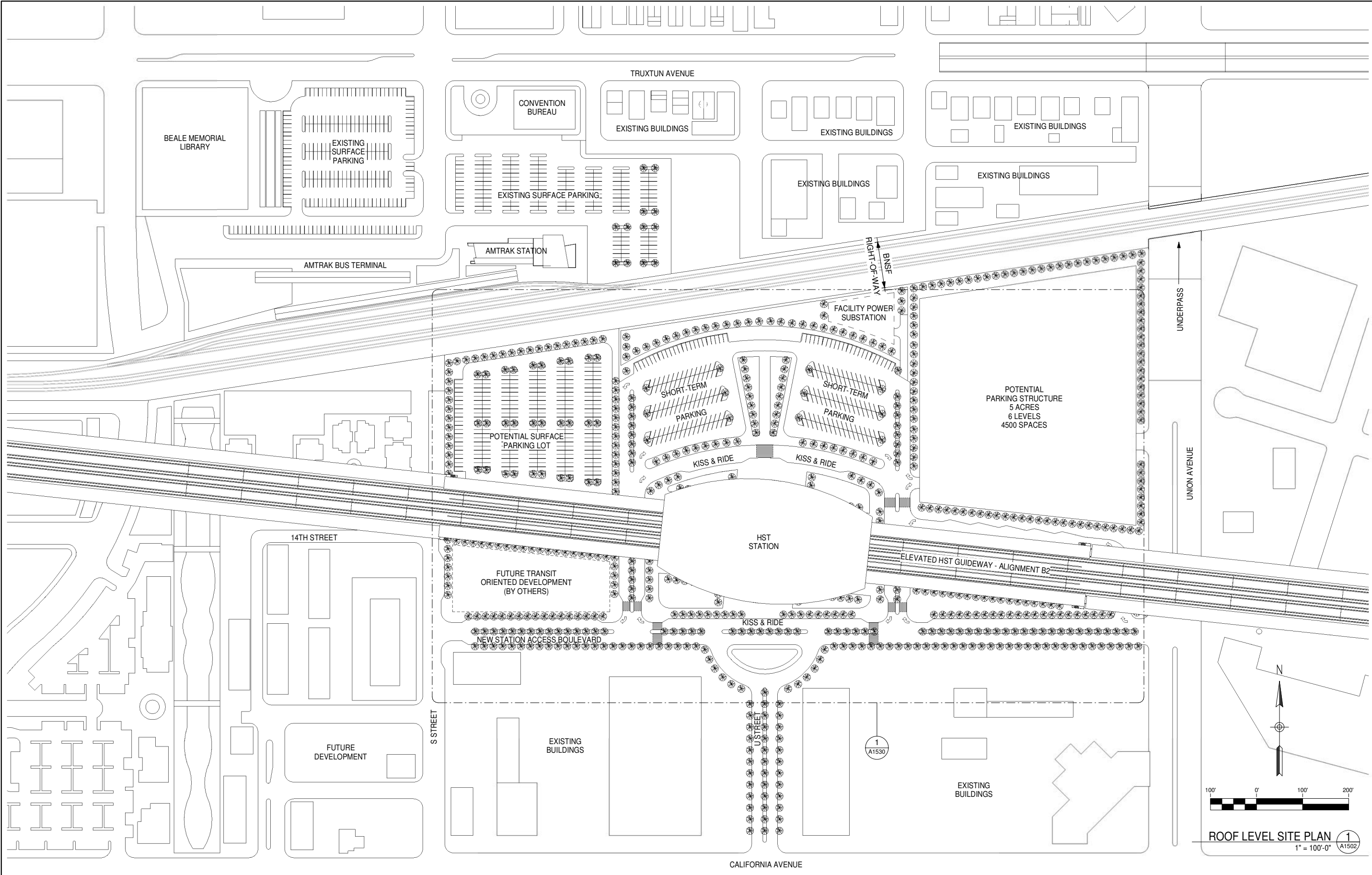
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
GROUND LEVEL SITE PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1501
SCALE
1" = 100'-0"
SHEET NO.
1 OF 13



ROOF LEVEL SITE PLAN 1
1" = 100'-0" A1502

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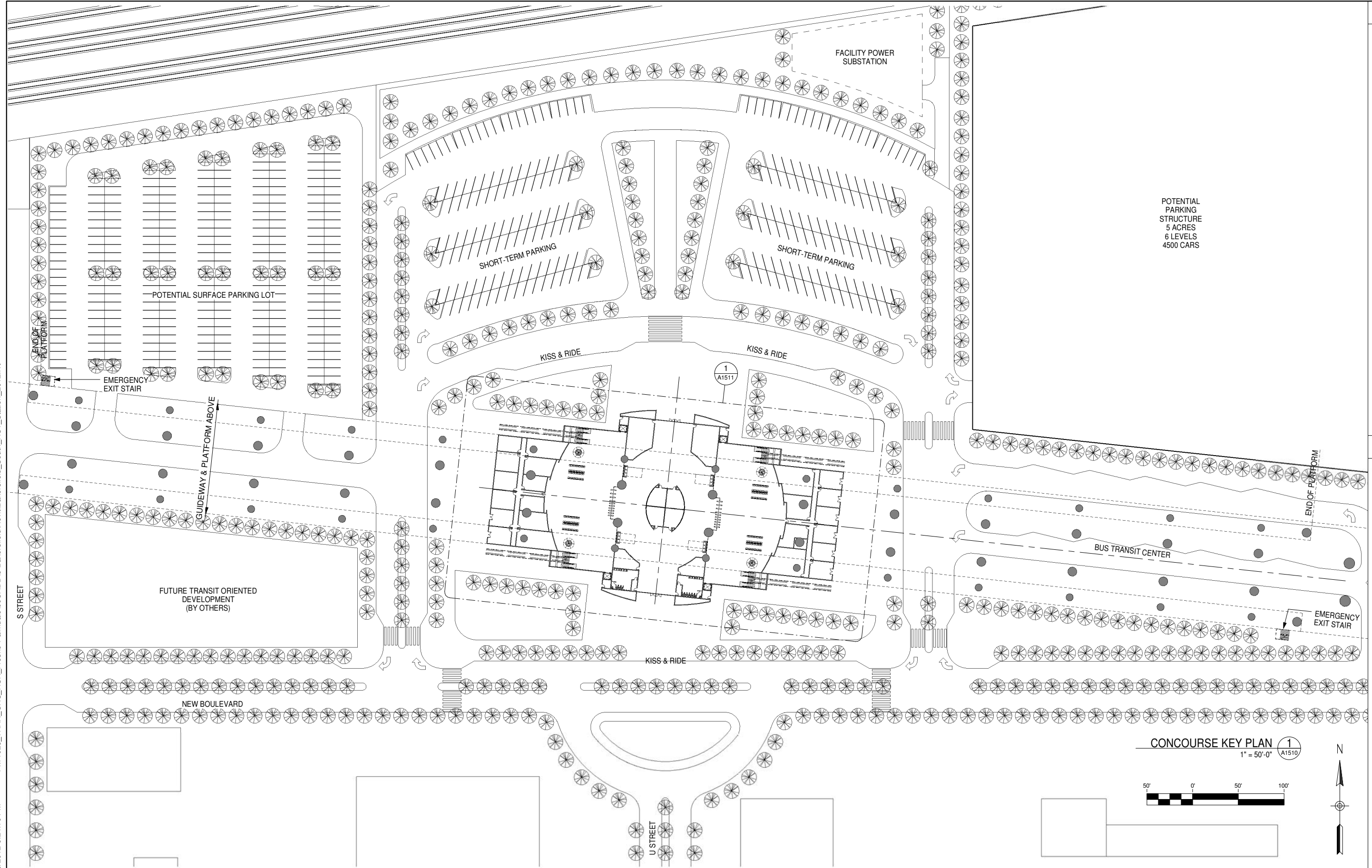
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
ROOF LEVEL SITE PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1502
SCALE
1" = 100'-0"
SHEET NO.
2 OF 13



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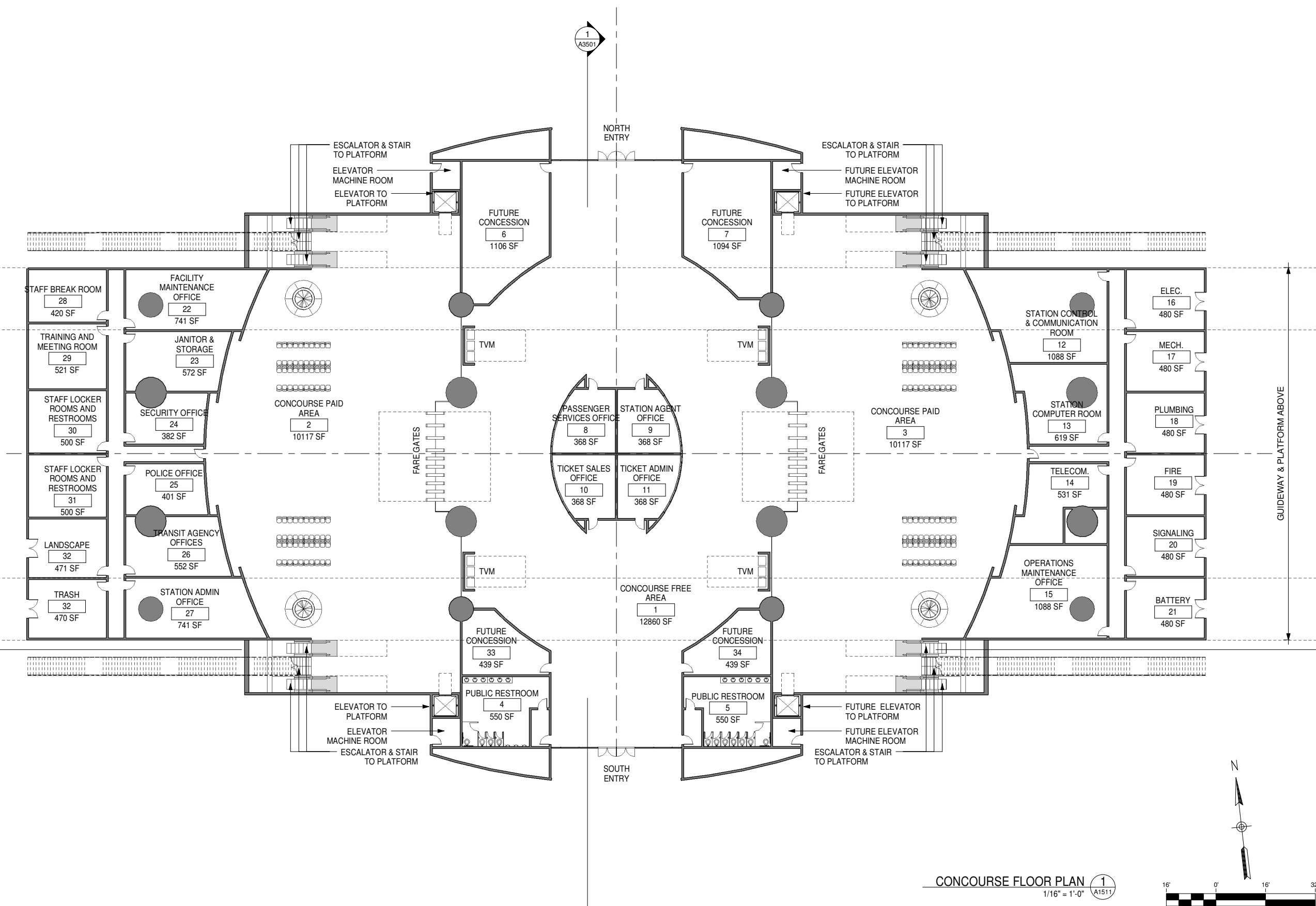


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
CONCOURSE KEY PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1510
SCALE
1" = 50'-0"
SHEET NO.
3 OF 13

GENERAL NOTES

KEY NOTES



CONCOURSE FLOOR PLAN 1
1/16" = 1'-0" A1511

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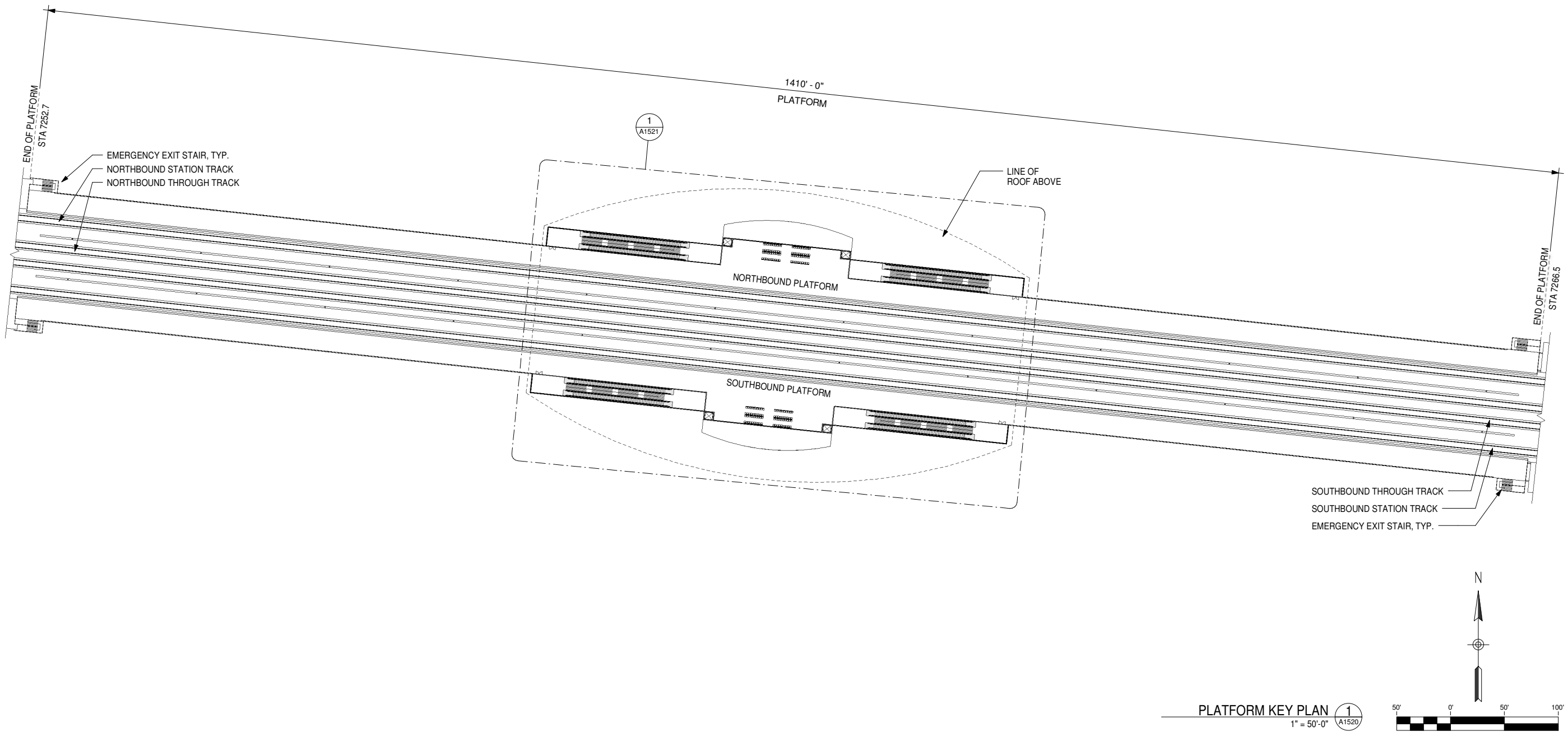
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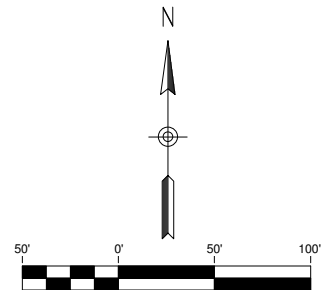


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
CONCOURSE FLOOR PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1511
SCALE
1/16" = 1'-0"
SHEET NO.
4 OF 13



PLATFORM KEY PLAN 1
1" = 50'-0" A1520



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FRESNO TO BAKERSFIELD
 BAKERSFIELD URBAN SUBSECTION
 ALIGNMENT B2
 BAKERSFIELD STATION - SOUTH ALTERNATIVE
PLATFORM KEY PLAN

CONTRACT NO.
HSR 06-0003

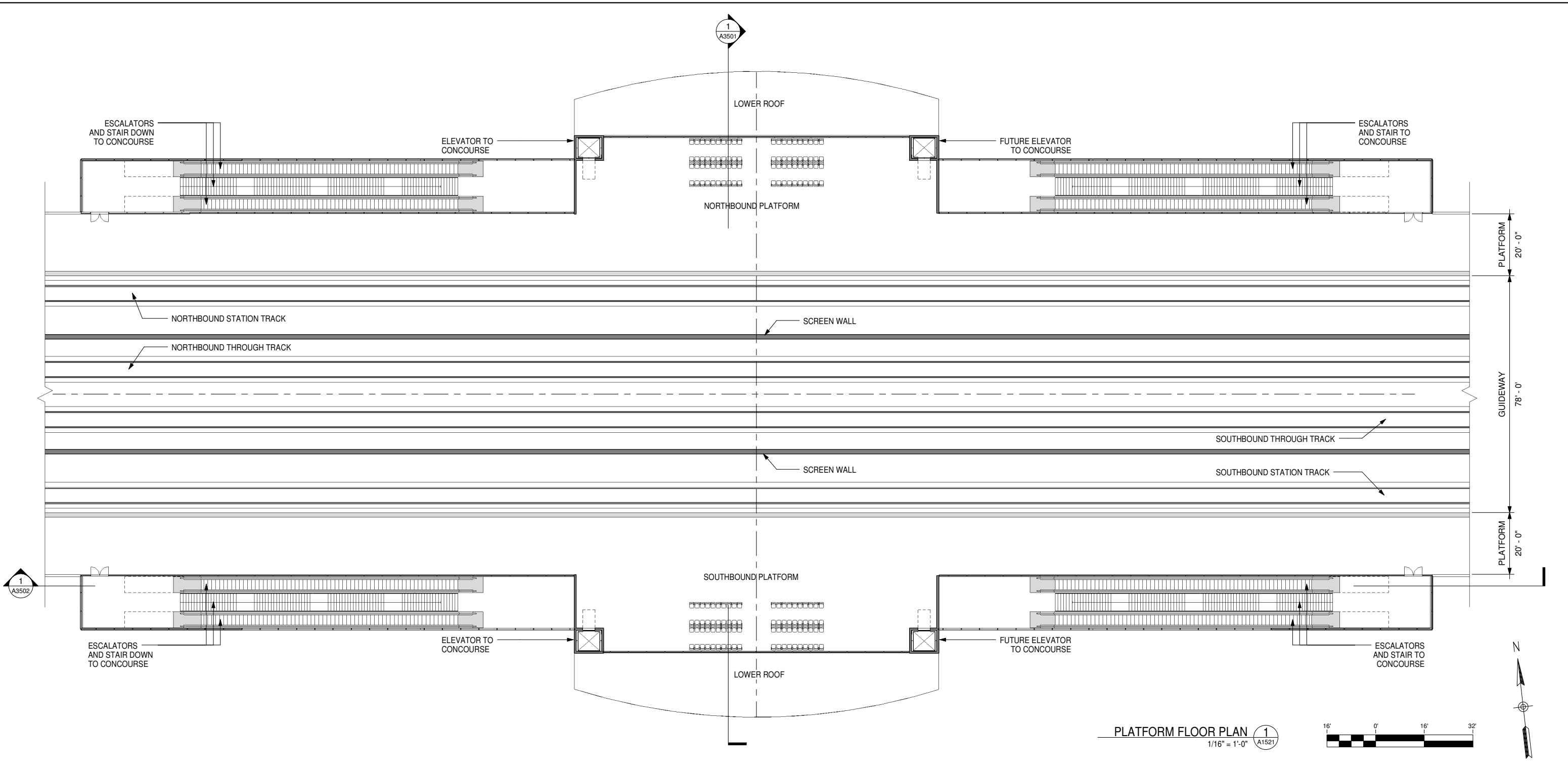
DRAWING NO.
A1520

SCALE
1" = 50'-0"

SHEET NO.
5 OF 13

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GENERAL NOTES

KEY NOTES

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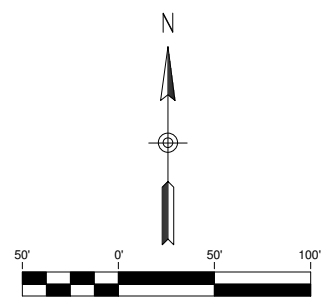
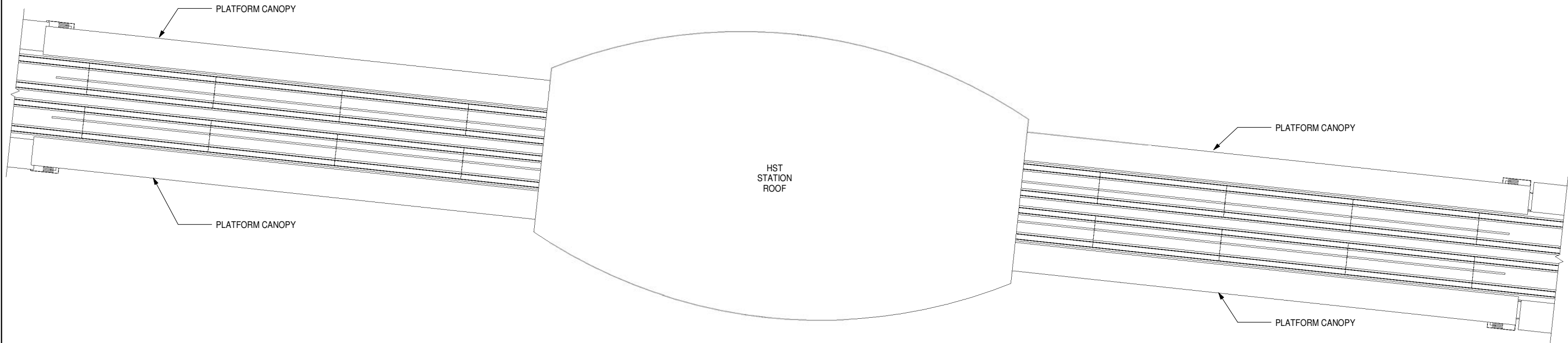


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
PLATFORM FLOOR PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1521
SCALE
1/16" = 1'-0"
SHEET NO.
6 OF 13

GENERAL NOTES

KEY NOTES



ROOF KEY PLAN 1
1" = 50'-0" A1530

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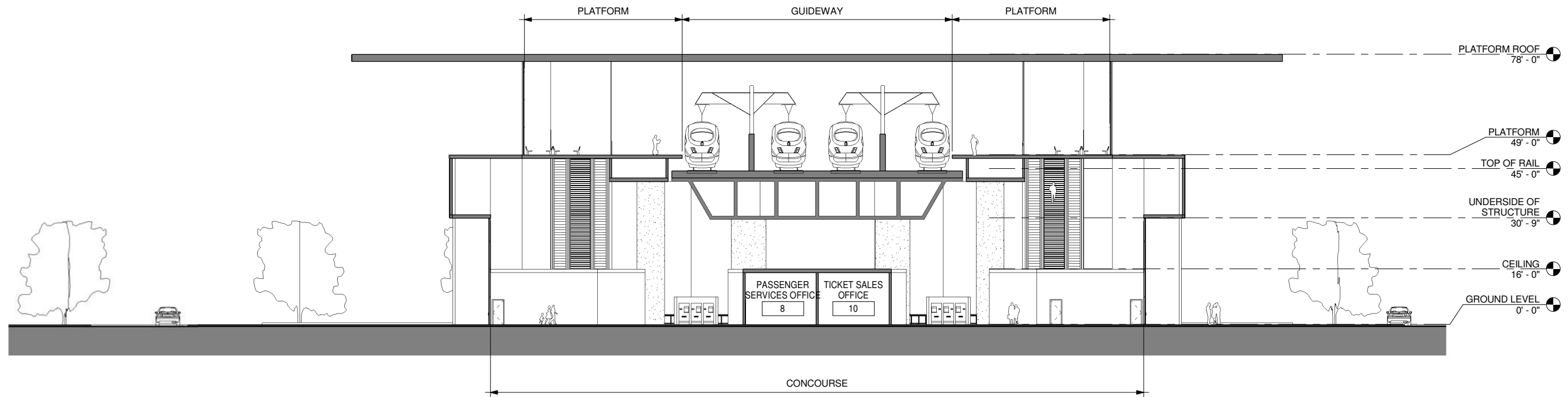


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
ROOF KEY PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1530
SCALE
1" = 50'-0"
SHEET NO.
7 OF 13

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TRANSVERSE SECTION 1
1/16" = 1'-0" A3501



GENERAL NOTES

KEY NOTES

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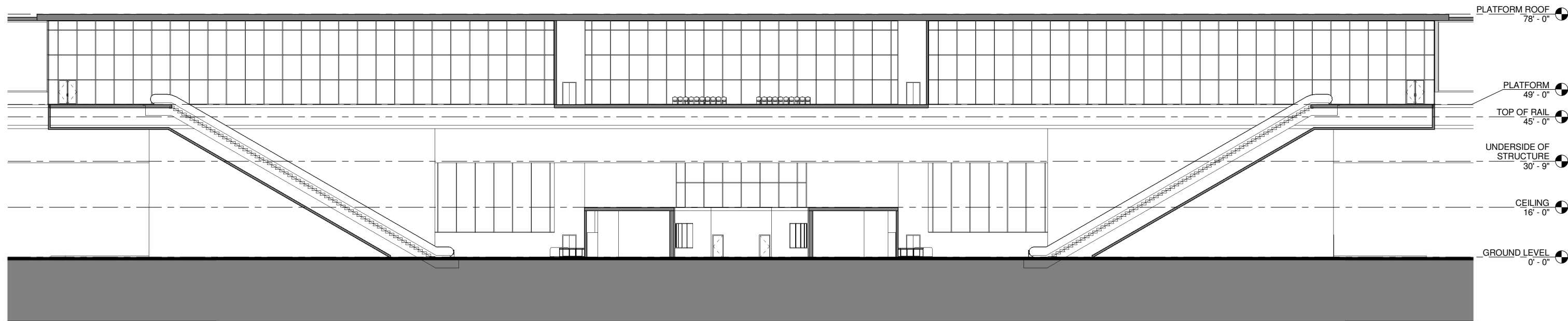


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
BUILDING SECTION

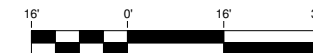
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HSR 06-0003
DRAWING NO.
A3501
SCALE
1/16" = 1'-0"
SHEET NO.
8 OF 13

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LONGITUDINAL SECTION 1
1/16" = 1'-0" A3502



GENERAL NOTES

KEY NOTES

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
BUILDING SECTION

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3502
SCALE
1/16" = 1'-0"
SHEET NO.
9 OF 13

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No.	Name	Area	Required Area	FORMULA	TM 2.2.2. REFERENCE	Comments
1	CONCOURSE FREE AREA	12860 SF	10969 SF	P15x30sf/person	6.2.3.2	
2	CONCOURSE PAID AREA	10117 SF	10969 SF	P15x30sqft	6.2.4.1	
3	CONCOURSE PAID AREA	10117 SF	10969 SF	P15x30sqft	6.2.4.1	
4	PUBLIC RESTROOM	550 SF	366 SF	P15	6.2.3.5	
5	PUBLIC RESTROOM	550 SF	366 SF	P15	6.2.3.5	
6	FUTURE CONCESSION	1106 SF		Not specified in Technical Memorandum 2.2.2	6.2.3.6	
7	FUTURE CONCESSION	1094 SF		Not specified in Technical Memorandum 2.2.2	6.2.3.6	
8	PASSENGER SERVICES OFFICE	368 SF	160 SF	160 SF	6.2.6.1.3	
9	STATION AGENT OFFICE	368 SF	270 SF	270 SF	6.2.6.1.5	
10	TICKET SALES OFFICE	368 SF	141 SF	(((P60bx.15)/(1.5 x 60)) x 75) sqft	6.2.6.1.1	
11	TICKET ADMIN OFFICE	368 SF	160 SF	160 SF	6.2.6.2.6	
12	STATION CONTROL & COMMUNICATION ROOM	1088 SF	1080 SF	1080 SF	6.2.6.2.3	
13	STATION COMPUTER ROOM	619 SF	520 SF	520 SF	6.2.6.2.4	
14	TELECOM.	531 SF			6.2.6.3	
15	OPERATIONS MAINTENANCE OFFICE	1088 SF	1080 SF	1080 SF	6.2.6.2.10	
16	ELEC.	480 SF			6.2.6.3	
17	MECH.	480 SF			6.2.6.3	
18	PLUMBING	480 SF			6.2.6.3	
19	FIRE	480 SF			6.2.6.3	
20	SIGNALING	480 SF			6.2.6.3	
21	BATTERY	480 SF			6.2.6.3	
22	FACILITY MAINTENANCE OFFICE	741 SF	325 SF	325 SF	6.2.6.2.9	
23	JANITOR & STORAGE	572 SF	240 SF	240 SF x 3	6.2.6.2.16/17	
24	SECURITY OFFICE	382 SF	160 SF	160 SF	6.2.6.2.7	
25	POLICE OFFICE	401 SF	160 SF	160 SF	6.2.6.2.8	
26	TRANSIT AGENCY OFFICES	552 SF		Based on Demand	6.2.6.2.11	
27	STATION ADMIN OFFICE	741 SF		((65sqft x staff with own workspace) + (43sqft x staff with shared workspace))x1.25	6.2.6.2.1	
28	STAFF BREAK ROOM	420 SF	125 SF	(20sqft x .25 x max staff per shift x 1.25)	6.2.6.2.14	
29	TRAINING AND MEETING ROOM	521 SF	500 SF	(20sqft x max staff per shift x 1.25)	6.2.6.2.2	
30	STAFF LOCKER ROOMS AND RESTROOMS	500 SF		Local Codes	6.2.6.2.12/13	
31	STAFF LOCKER ROOMS AND RESTROOMS	500 SF		Local Codes	6.2.6.2.12/13	
32	TRASH	470 SF			6.2.6.2.15	
32	LANDSCAPE	471 SF			6.2.6.2.18	
33	FUTURE CONCESSION	439 SF		Not specified in Technical Memorandum 2.2.2	6.2.3.6	
34	FUTURE CONCESSION	439 SF		Not specified in Technical Memorandum 2.2.2	6.2.3.6	

REV	DATE	BY	CHK	APP	DESCRIPTION

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DATE
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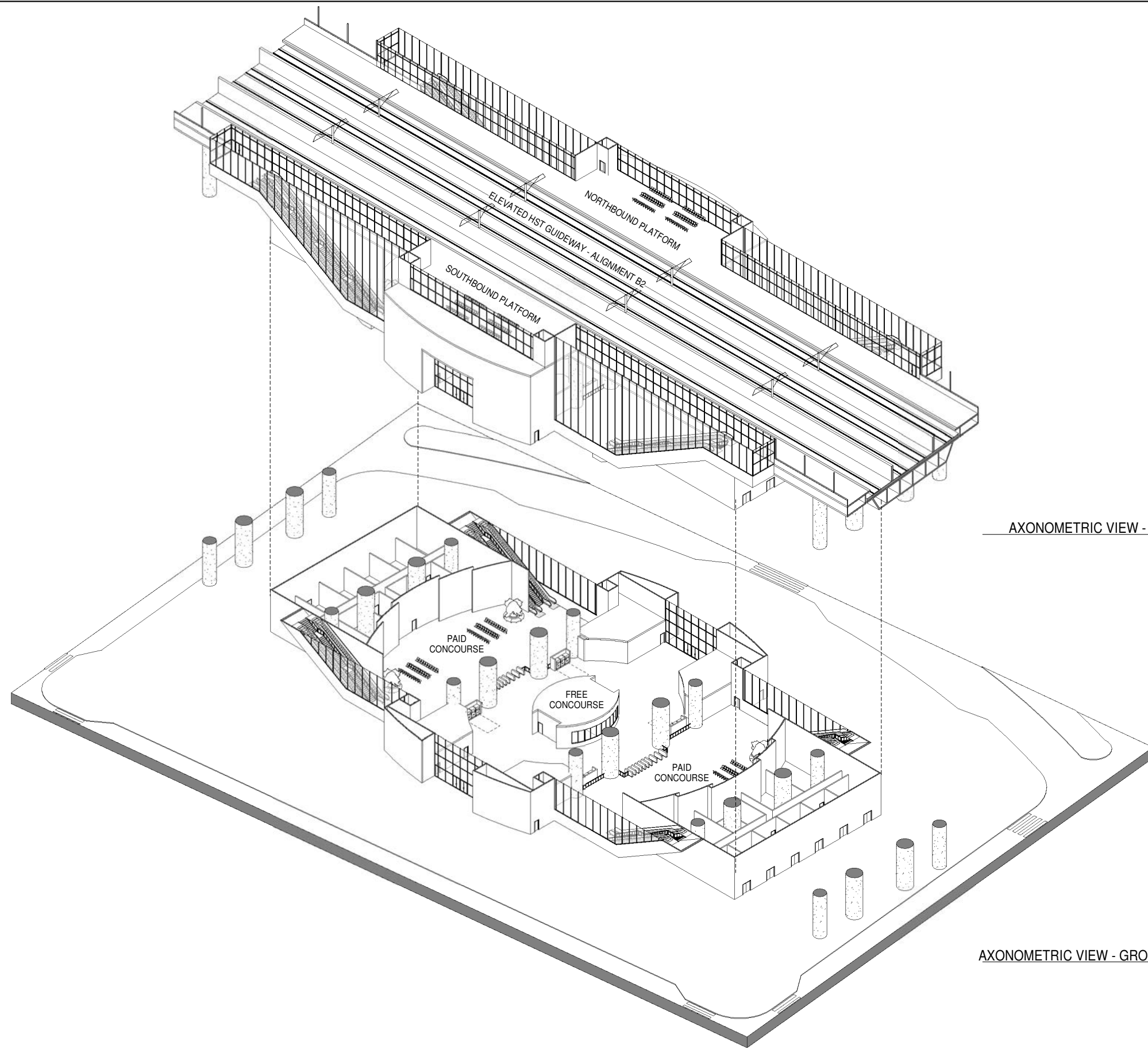


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
ROOM SCHEDULE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A6501
SCALE
SHEET NO.
10 OF 13

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AXONOMETRIC VIEW - PLATFORM 2
A9501

AXONOMETRIC VIEW - GROUND LEVEL 1
A9501

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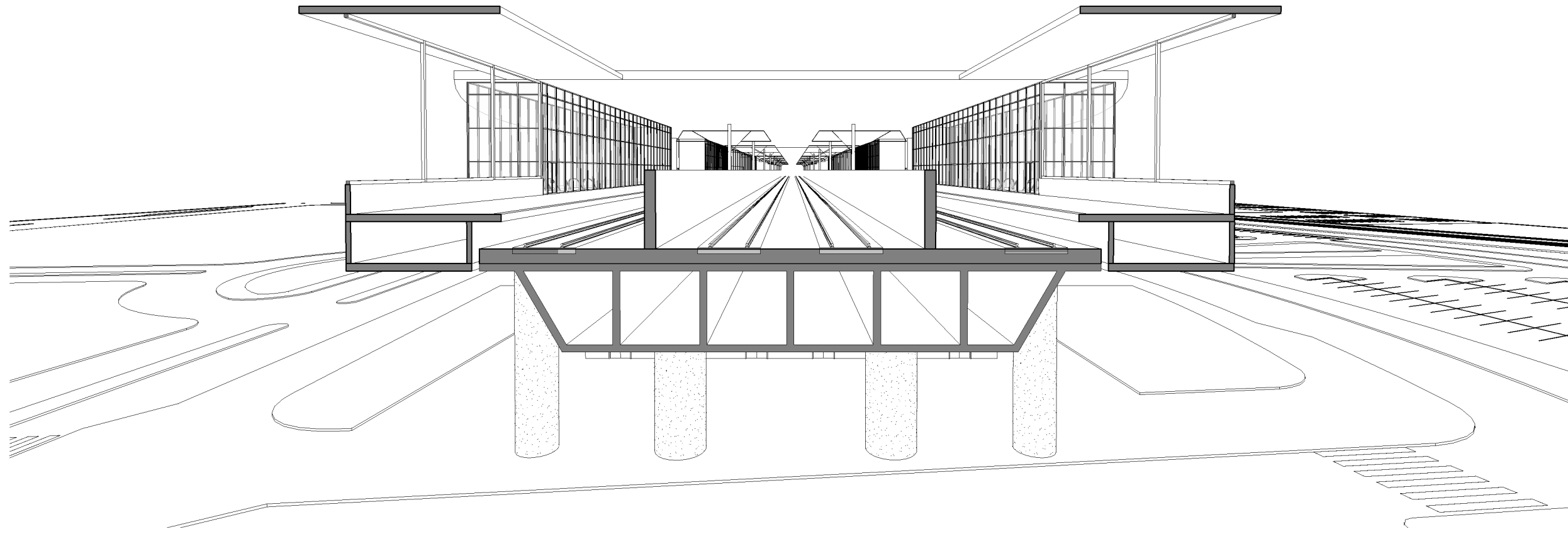
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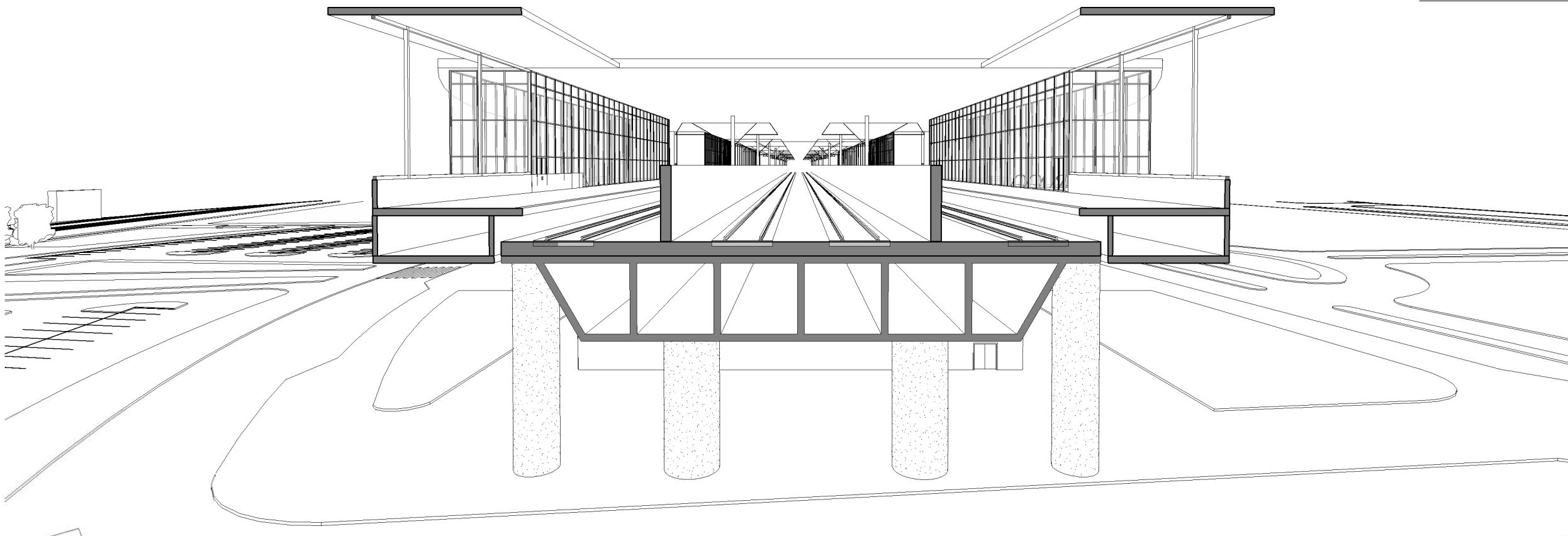


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
AXONOMETRIC VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9501
SCALE
SHEET NO.
11 OF 13



EAST 3D ELEVATION VIEW 2
A9502



WEST 3D ELEVATION VIEW 1
A9502

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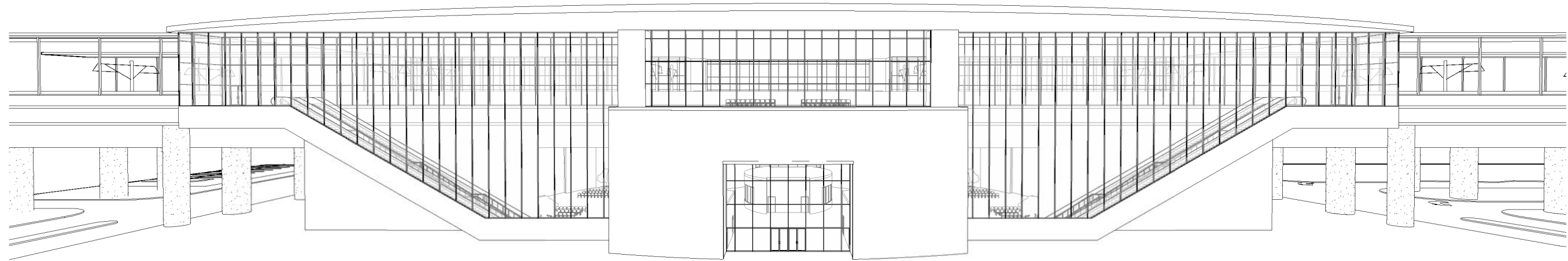
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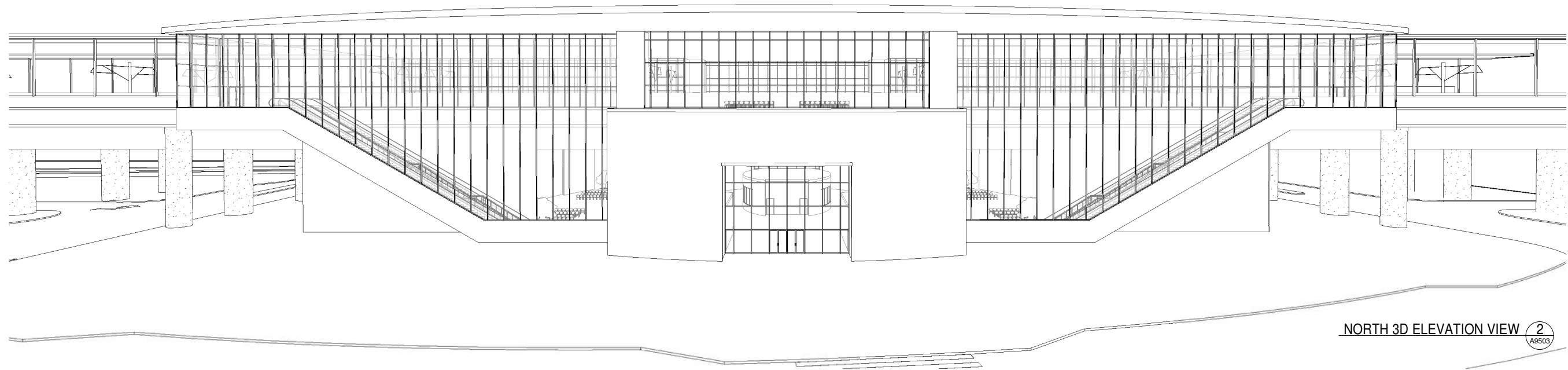


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9502
SCALE
SHEET NO.
12 OF 13



SOUTH 3D ELEVATION VIEW 1
A9503



NORTH 3D ELEVATION VIEW 2
A9503

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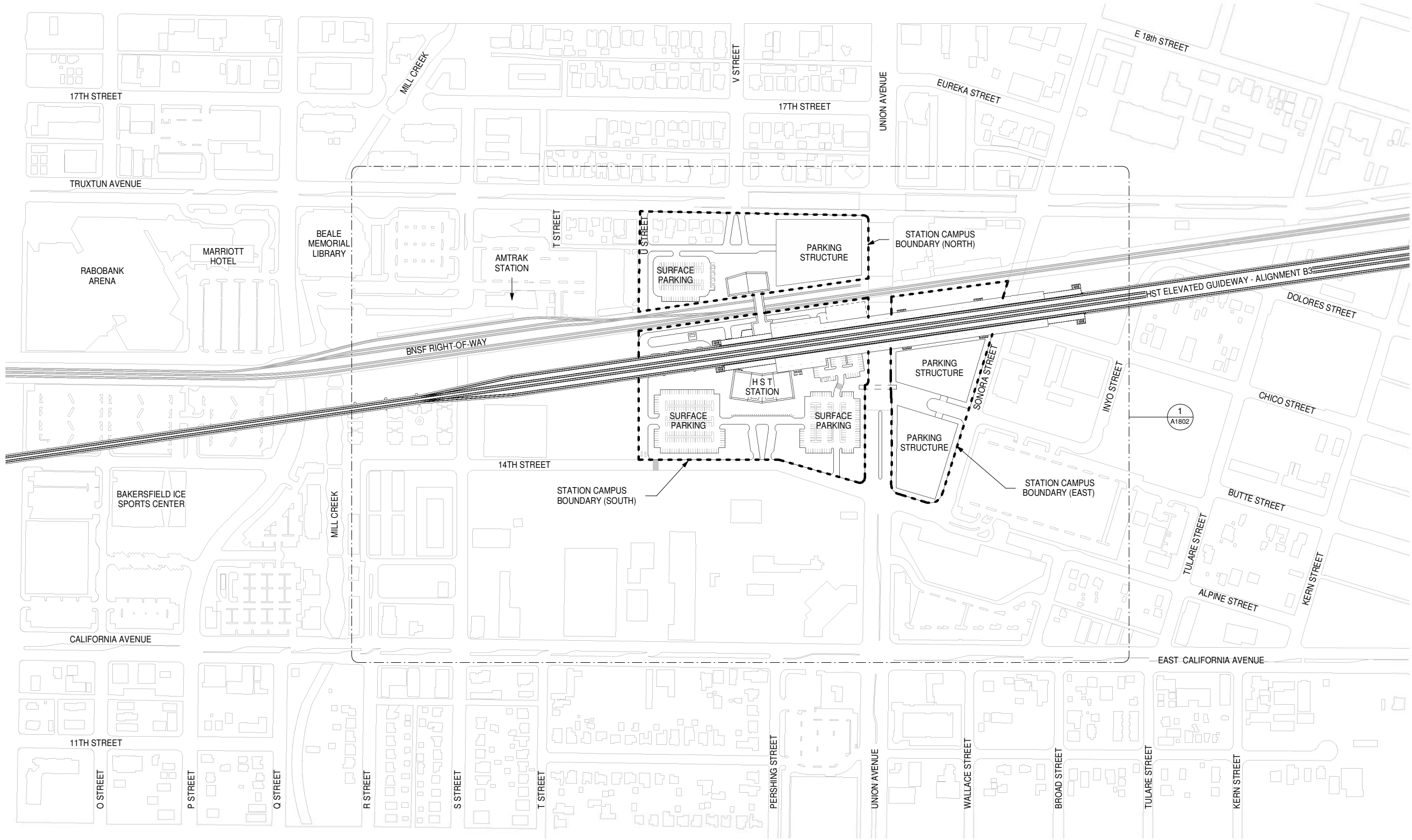
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B2
BAKERSFIELD STATION - SOUTH ALTERNATIVE
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9503
SCALE
SHEET NO.
13 OF 13



SITE CONTEXT ROOF PLAN 1
1" = 200'-0" A1801



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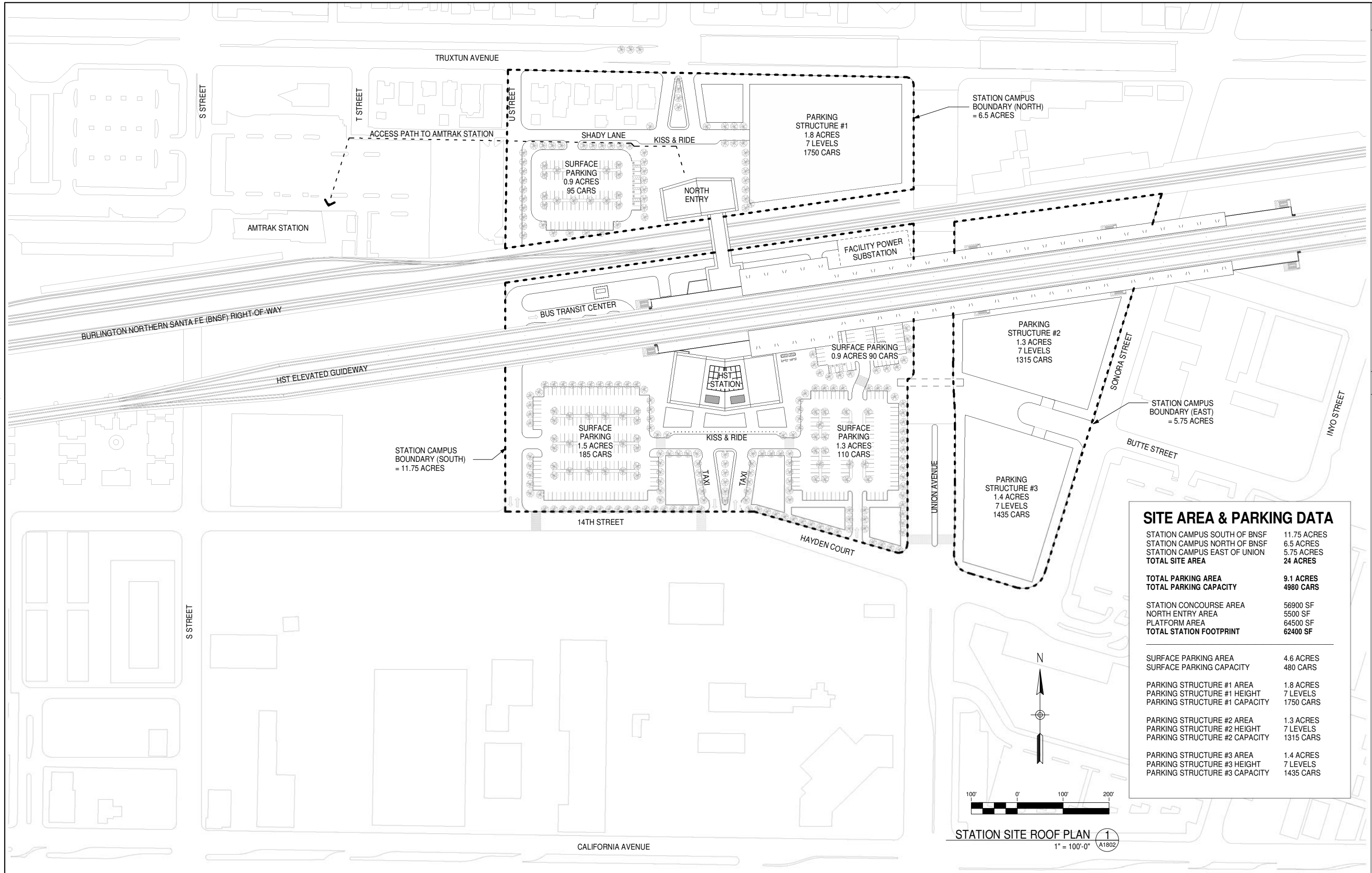
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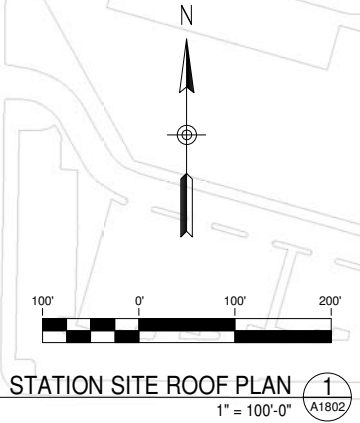


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
SITE CONTEXT ROOF PLAN

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1801
SCALE
1" = 200'-0"
SHEET NO.
1 OF 15



SITE AREA & PARKING DATA	
STATION CAMPUS SOUTH OF BNSF	11.75 ACRES
STATION CAMPUS NORTH OF BNSF	6.5 ACRES
STATION CAMPUS EAST OF UNION	5.75 ACRES
TOTAL SITE AREA	24 ACRES
TOTAL PARKING AREA	9.1 ACRES
TOTAL PARKING CAPACITY	4980 CARS
STATION CONCOURSE AREA	56900 SF
NORTH ENTRY AREA	5500 SF
PLATFORM AREA	64500 SF
TOTAL STATION FOOTPRINT	62400 SF
SURFACE PARKING AREA	4.6 ACRES
SURFACE PARKING CAPACITY	480 CARS
PARKING STRUCTURE #1 AREA	1.8 ACRES
PARKING STRUCTURE #1 HEIGHT	7 LEVELS
PARKING STRUCTURE #1 CAPACITY	1750 CARS
PARKING STRUCTURE #2 AREA	1.3 ACRES
PARKING STRUCTURE #2 HEIGHT	7 LEVELS
PARKING STRUCTURE #2 CAPACITY	1315 CARS
PARKING STRUCTURE #3 AREA	1.4 ACRES
PARKING STRUCTURE #3 HEIGHT	7 LEVELS
PARKING STRUCTURE #3 CAPACITY	1435 CARS



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DATE
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 BAKERSFIELD URBAN SUBSECTION
 ALIGNMENT B3
 BAKERSFIELD STATION - (B3) HYBRID
STATION SITE ROOF PLAN

CONTRACT NO.
HSR 06-0003

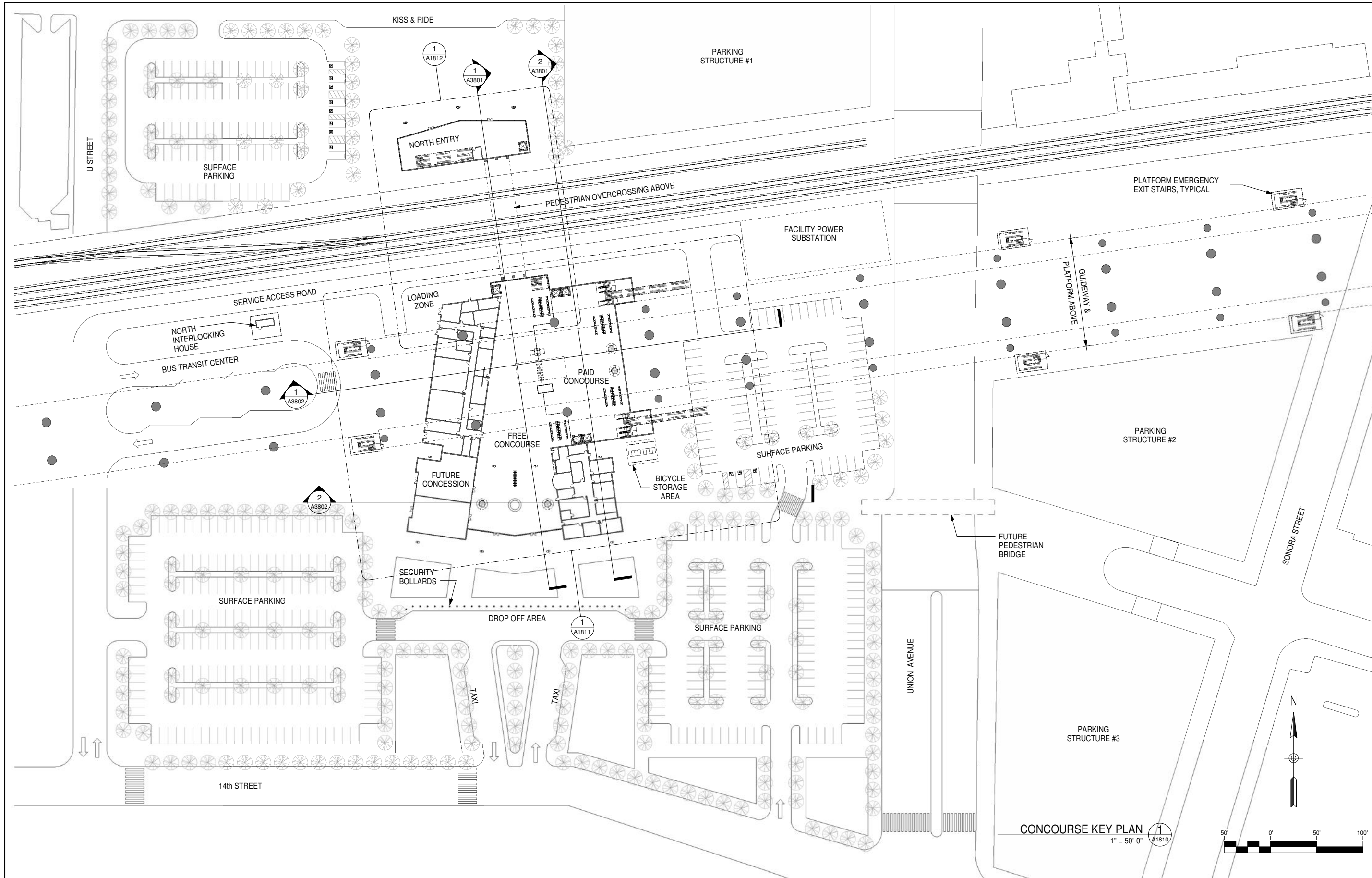
DRAWING NO.
A1802

SCALE
1" = 100'-0"

SHEET NO.
2 OF 15

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GENERAL NOTES

KEY NOTES

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E. NAOR

DATE
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 BAKERSFIELD URBAN SUBSECTION
 ALIGNMENT B3
 BAKERSFIELD STATION - (B3) HYBRID
CONCOURSE KEY PLAN

CONTRACT NO.
HSR 06-0003

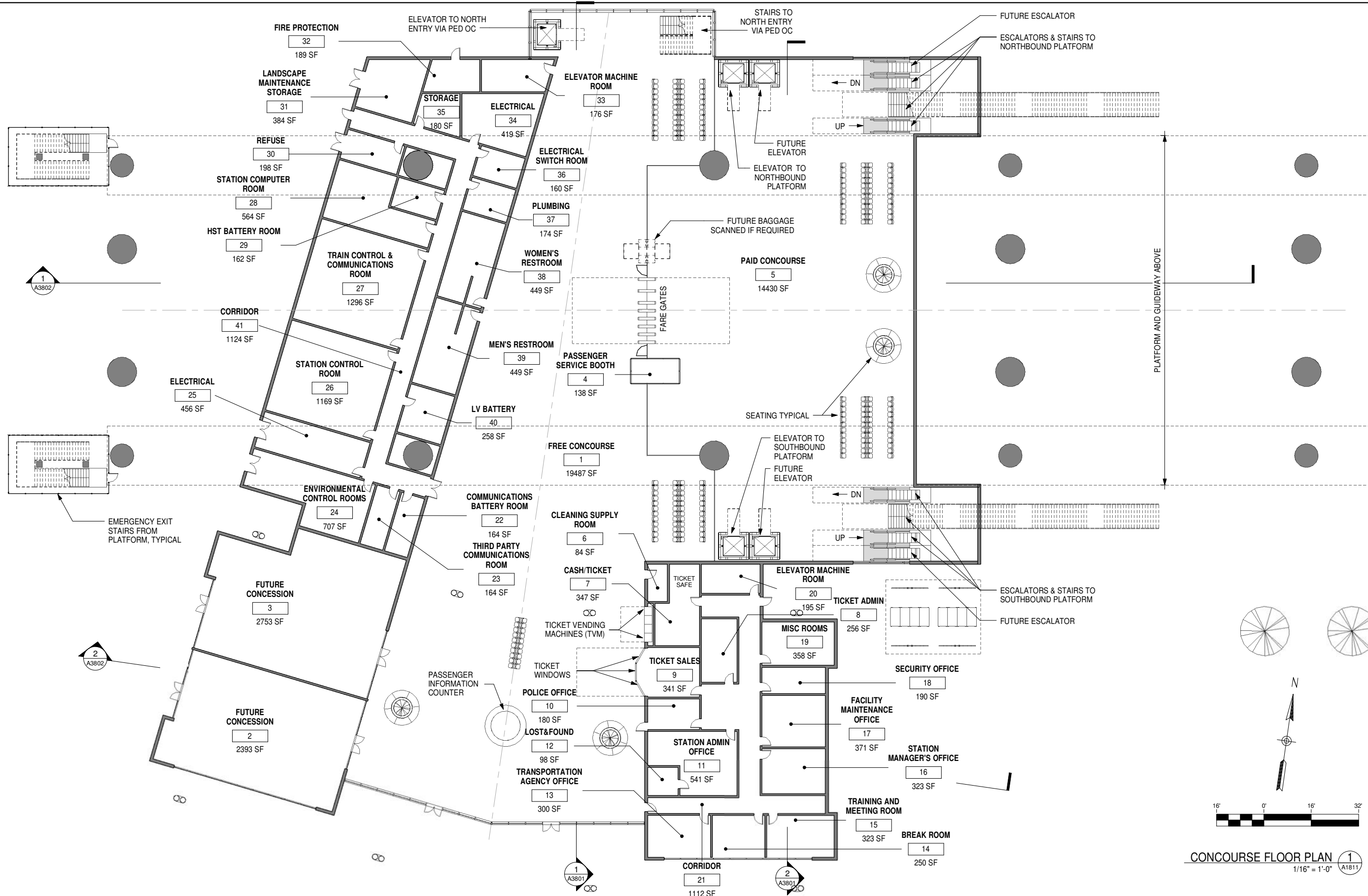
DRAWING NO.
A1810

SCALE
1" = 50'-0"

SHEET NO.
3 OF 15

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GENERAL NOTES

KEY NOTES

CONCOURSE FLOOR PLAN 1
1/16" = 1'-0" A1811

REV	DATE	BY	CHK	APP	DESCRIPTION

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CHECKED BY
F. KING
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E. NAOR
DATE
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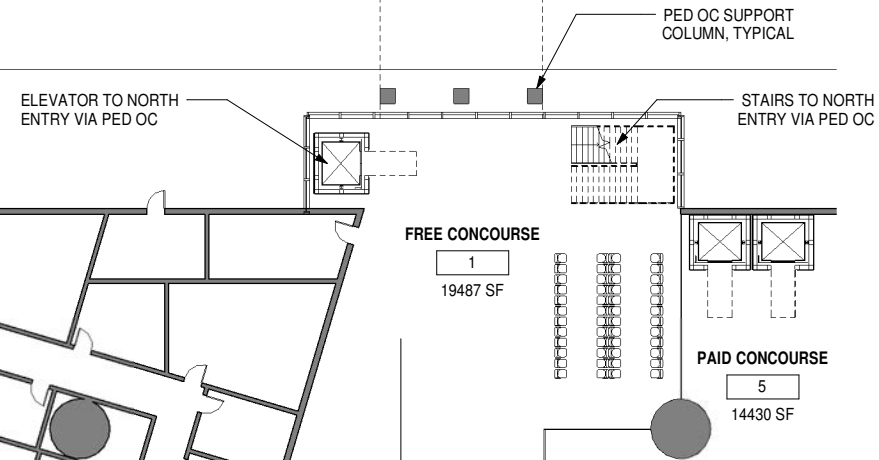
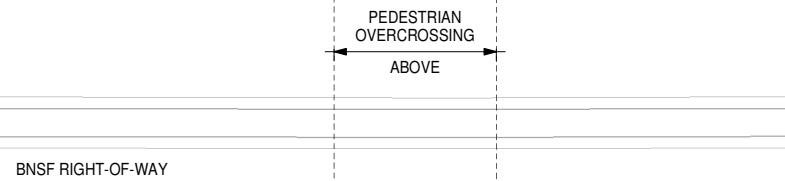
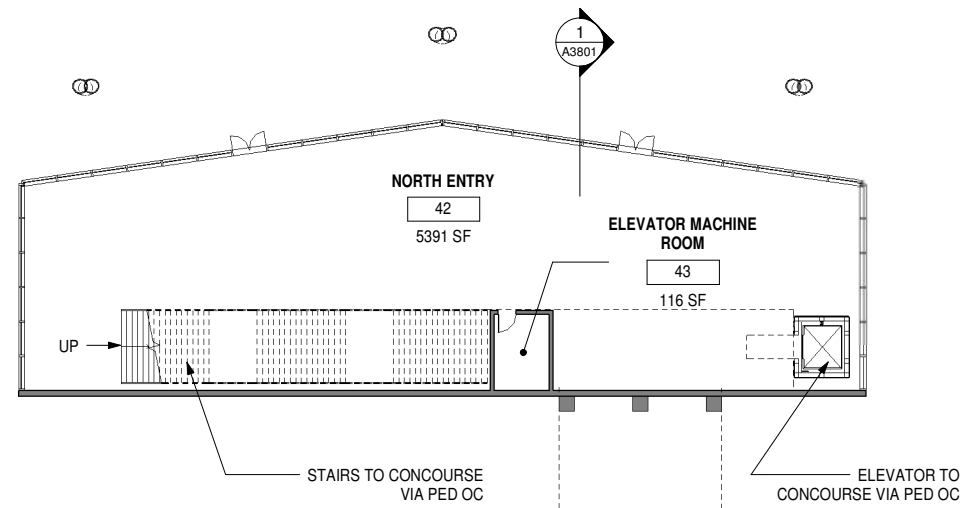


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
CONCOURSE FLOOR PLAN

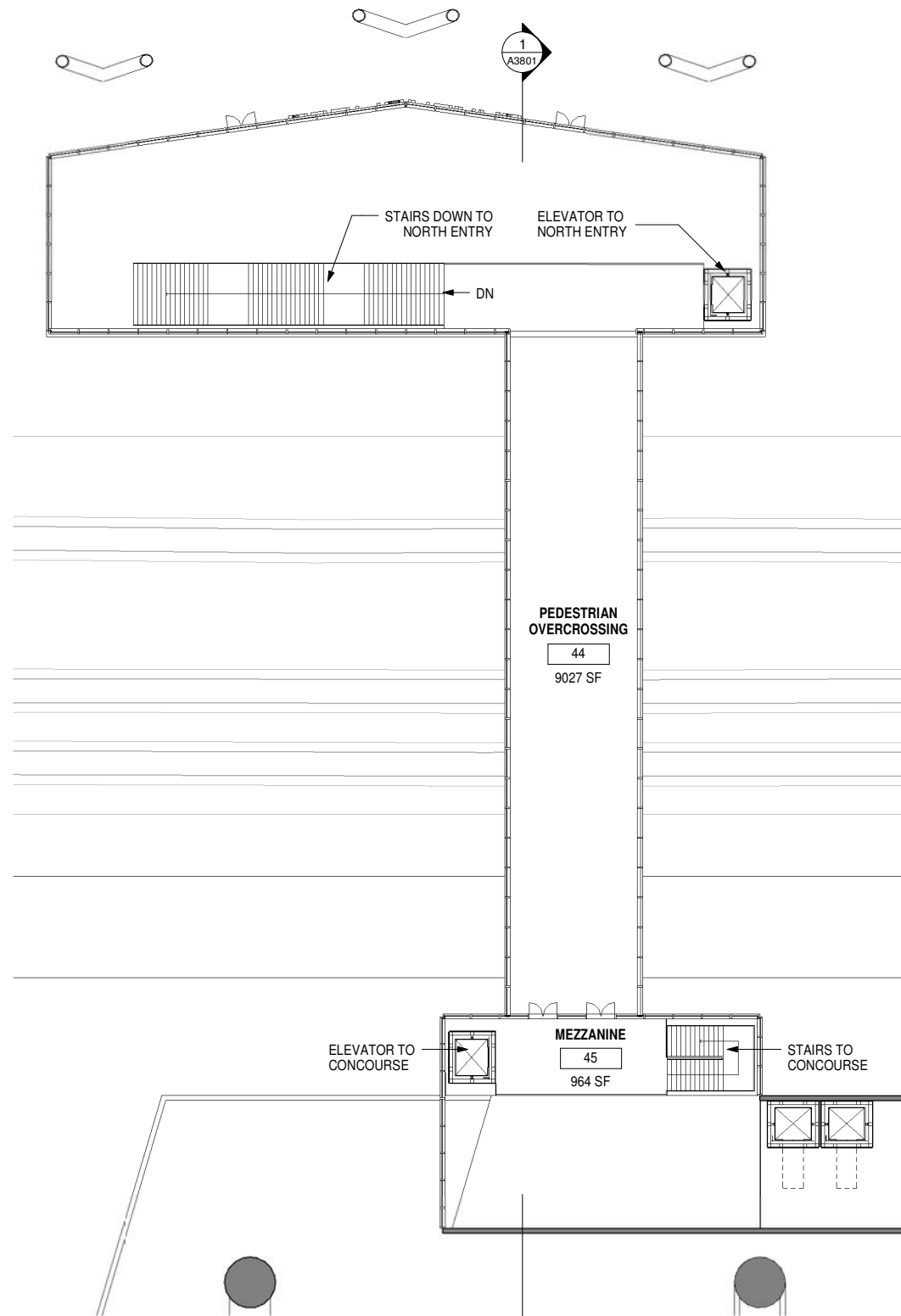
CONTRACT NO.	HSR 06-0003
DRAWING NO.	A1811
SCALE	1/16" = 1'-0"
SHEET NO.	4 OF 15

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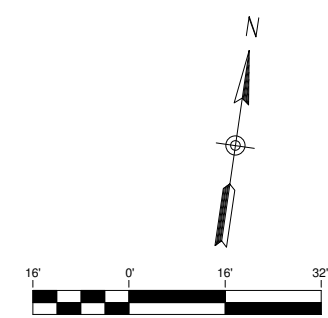
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NORTH ENTRY FLOOR PLAN 1
1/16" = 1'-0" A1812



PEDESTRIAN OVERCROSSING FLOOR PLAN 2
1/16" = 1'-0" A1812



GENERAL NOTES

KEY NOTES

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IN CHARGE
E. NAOR
DATE
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
NORTH STATION FLOOR PLANS

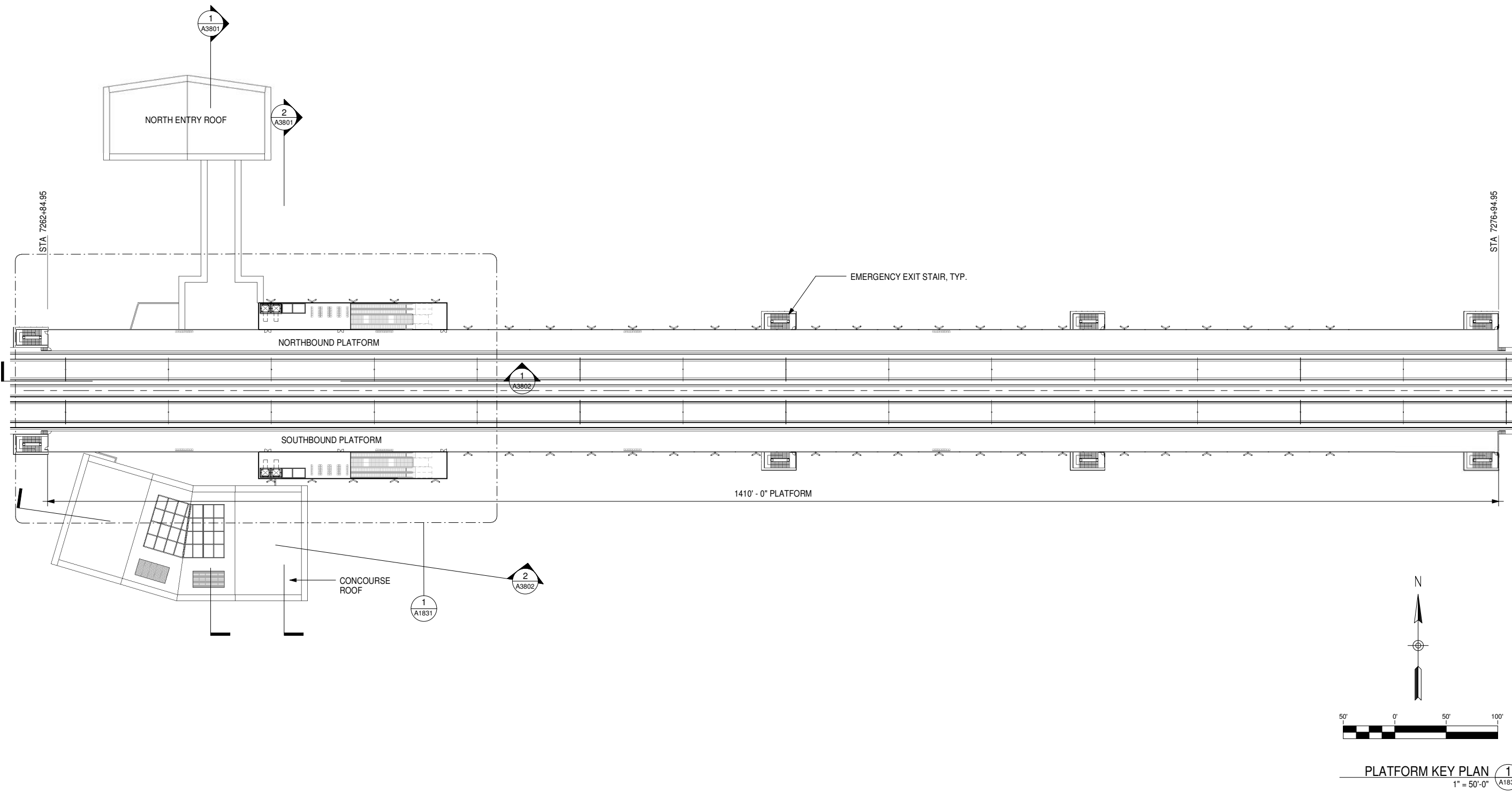
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1812
SCALE
1/16" = 1'-0"
SHEET NO.
5 OF 15

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GENERAL NOTES

KEY NOTES



PLATFORM KEY PLAN
1
1" = 50'-0" A1830

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
E. NAOR
DRAWN BY
D. BACKMAN
CHECKED BY
F. KING
IN CHARGE
E. NAOR
DATE
05/18/12

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
PLATFORM KEY PLAN

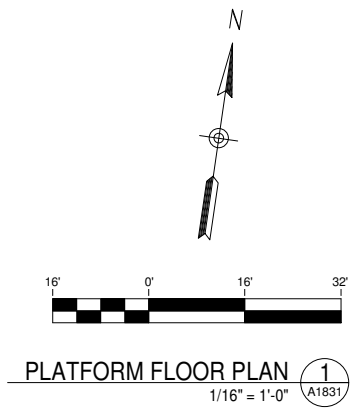
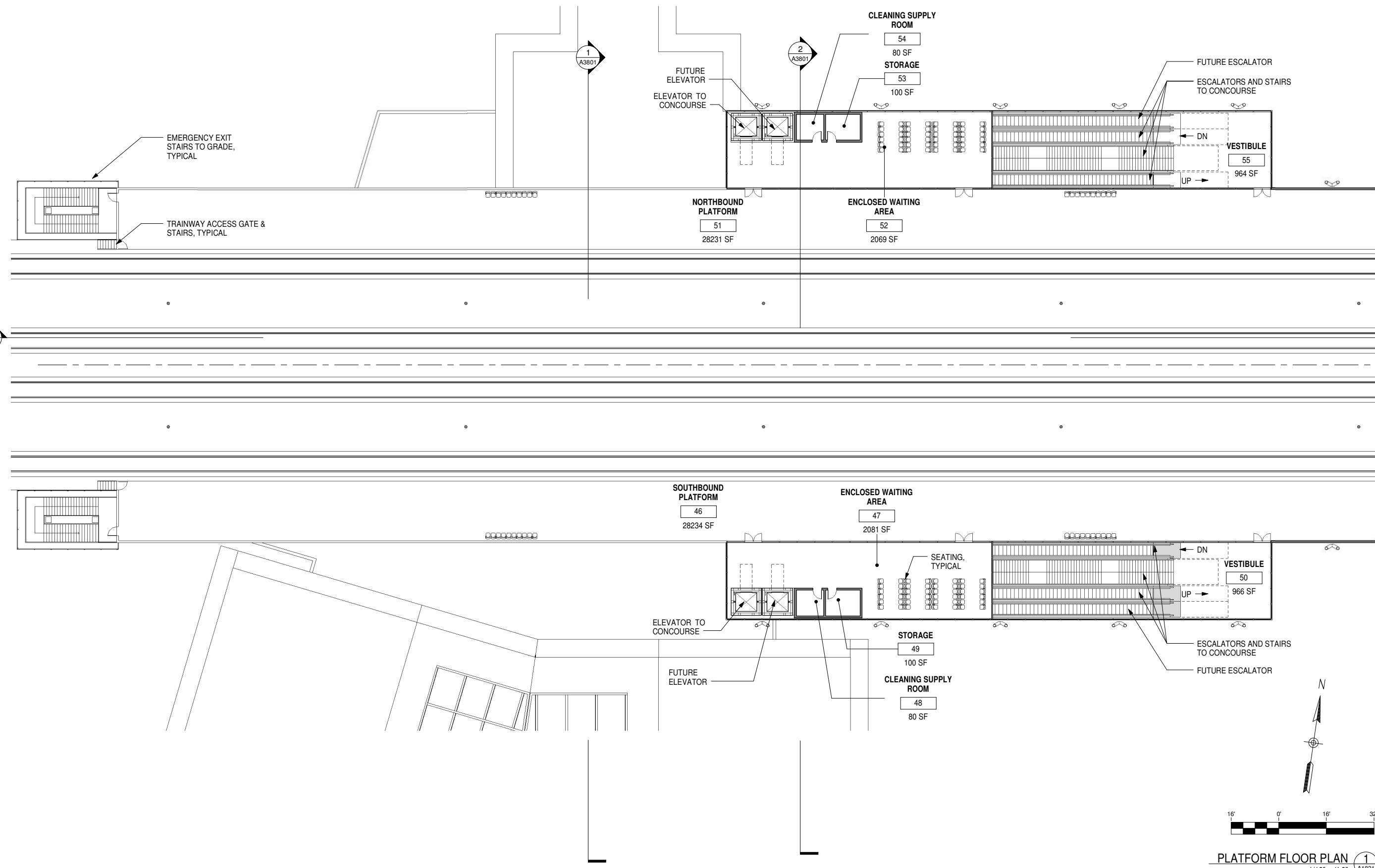
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A1830
SCALE
1" = 50'-0"
SHEET NO.
6 OF 15

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GENERAL NOTES

KEY NOTES



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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 BAKERSFIELD URBAN SUBSECTION
 ALIGNMENT B3
 BAKERSFIELD STATION - (B3) HYBRID
PLATFORM FLOOR PLAN

CONTRACT NO.
HSR 06-0003

DRAWING NO.
A1831

SCALE
1/16" = 1'-0"

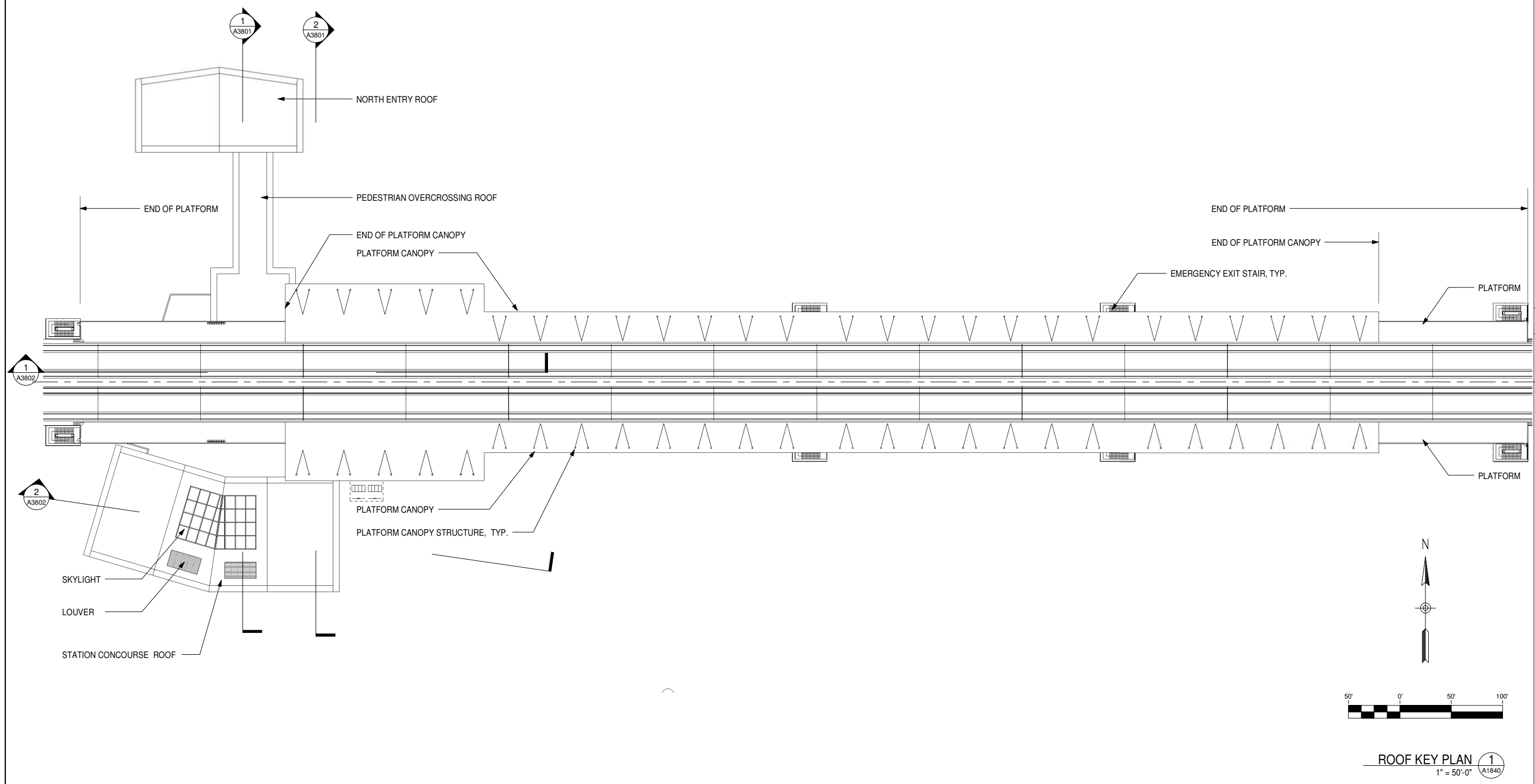
SHEET NO.
7 OF 15

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GENERAL NOTES

KEY NOTES



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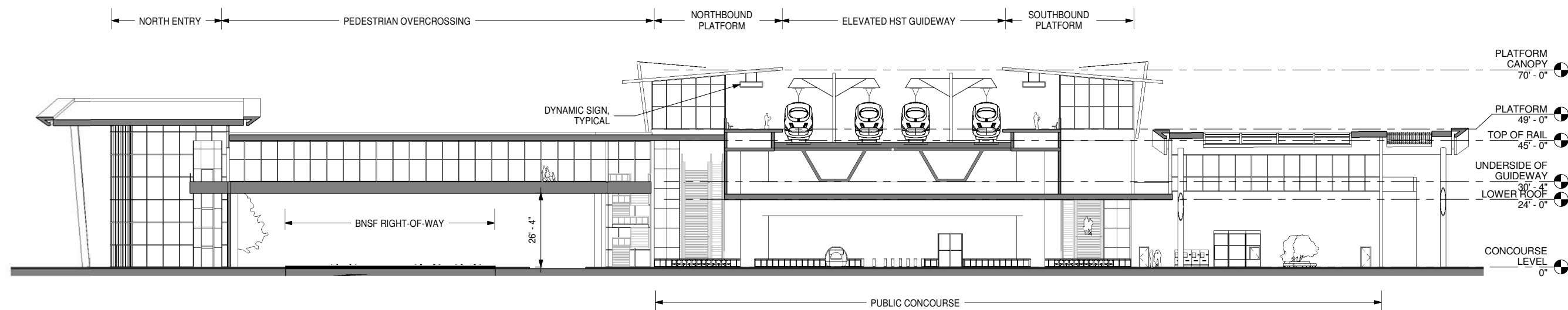


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
ROOF KEY PLAN

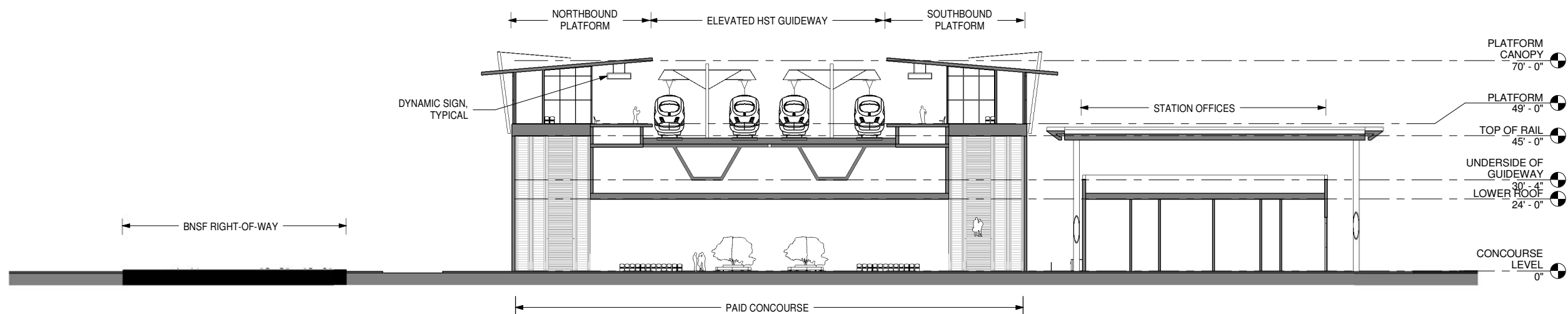
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HSR 06-0003
DRAWING NO.
A1840
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SHEET NO.
8 OF 15

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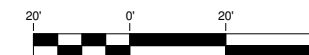
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TRANSVERSE SECTION AT FREE CONCOURSE 1
1" = 20'-0" A3801



TRANSVERSE SECTION AT PAID CONCOURSE 2
1" = 20'-0" A3801



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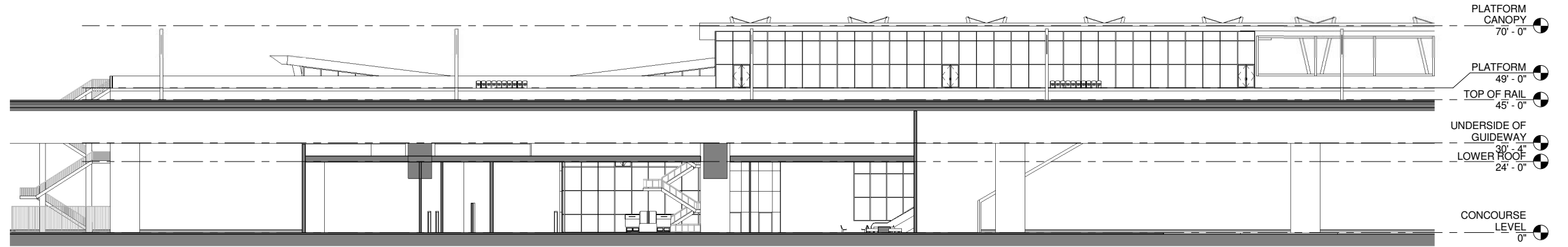


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
BUILDING SECTIONS

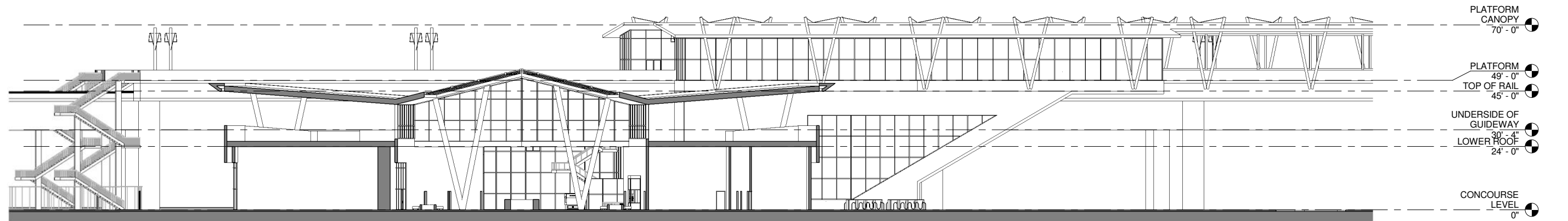
CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3801
SCALE
1" = 20'-0"
SHEET NO.
9 OF 15

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LONGITUDINAL SECTION AT PAID CONCOURSE 1
1" = 20'-0" A3802



LONGITUDINAL SECTION AT FREE CONCOURSE 2
1" = 20'-0" A3802



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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
BUILDING SECTIONS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A3802
SCALE
1" = 20'-0"
SHEET NO.
10 OF 15

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No.	ROOM NAME	AREA	REQUIRED AREA	FORMULA	TM 2.2.2. REFERENCE	COMMENTS
1	FREE CONCOURSE	19487 SF		Table 6-2 *	6.3.2	7,546 SF waiting area plus required circulation area
2	FUTURE CONCESSION	2393 SF	3000 SF	Table 6-3	6.3.5	
3	FUTURE CONCESSION	2753 SF	3000 SF	Table 6-3	6.3.5	
4	PASSENGER SERVICE BOOTH	138 SF			6.6.2.3	
5	PAID CONCOURSE	14430 SF		Table 6-2 *	6.3.3	6,286 SF waiting area plus required circulation area
6	CLEANING SUPPLY ROOM	84 SF	80 SF		6.6.4.2	
7	CASH/TICKET	347 SF	260 SF		6.6.3.8	
8	TICKET ADMIN	256 SF	160 SF		6.6.3.7	
9	TICKET SALES	341 SF	225 SF	75 SF per window	6.6.2.2	Three windows
10	POLICE OFFICE	180 SF	160 SF		6.6.2.6	
11	STATION ADMIN OFFICE	541 SF	500 SF	100 SF per assigned staff	6.6.3.2	
12	LOST&FOUND	98 SF	80 SF		6.6.2.5	
13	TRANSPORTATION AGENCY OFFICE	300 SF			6.6.3.16	
14	BREAK ROOM	250 SF	200 SF		6.6.3.12	
15	TRAINING AND MEETING ROOM	323 SF	200 SF		6.6.3.4	
16	STATION MANAGER'S OFFICE	323 SF	270 SF		6.6.3.3	
17	FACILITY MAINTENANCE OFFICE	371 SF	330 SF		6.6.3.10	
18	SECURITY OFFICE	190 SF	160 SF		6.6.3.9	
19	MISC ROOMS	358 SF	300 SF		6.6.4.5	
20	ELEVATOR MACHINE ROOM	195 SF	80 SF		6.5.3.6	
21	CORRIDOR	1112 SF				
22	COMMUNICATIONS BATTERY ROOM	164 SF	160 SF		6.6.7.1	
23	THIRD PARTY COMMUNICATIONS ROOM	164 SF	160 SF		6.6.7.1	
24	ENVIRONMENTAL CONTROL ROOMS	707 SF	0 SF		6.6.6.1	
25	ELECTRICAL	456 SF	450 SF		6.6.6.2	
26	STATION CONTROL ROOM	1169 SF	1100 SF		6.6.3.5	
27	TRAIN CONTROL & COMMUNICATIONS ROOM	1296 SF	1280 SF		6.6.7.1	
28	STATION COMPUTER ROOM	564 SF	500 SF		6.6.3.6	
29	HST BATTERY ROOM	162 SF	160 SF		6.6.7.2	
30	REFUSE	198 SF	150 SF		6.6.4.1	
31	LANDSCAPE MAINTENANCE STORAGE	384 SF		Exterior access required	6.6.4.4	
32	FIRE PROTECTION	189 SF			6.6.6.3	
33	ELEVATOR MACHINE ROOM	176 SF	80 SF		6.5.3.6	
34	ELECTRICAL	419 SF	450 SF		6.6.6.2	
35	STORAGE	180 SF	150 SF		6.6.4.3	
36	ELECTRICAL SWITCH ROOM	160 SF	160 SF		6.6.7.2	
37	PLUMBING	174 SF			6.6.6.4	
38	WOMEN'S RESTROOM	449 SF		Size per code	6.3.4	
39	MEN'S RESTROOM	449 SF		Size per code	6.3.4	
40	LV BATTERY	258 SF	200 SF		6.6.6.2	
41	CORRIDOR	1124 SF				
42	NORTH ENTRY	5391 SF		Table 6-2 *	6.3.2	
43	ELEVATOR MACHINE ROOM	116 SF	80 SF		6.5.3.6	
44	PEDESTRIAN OVERCROSSING	9027 SF				
45	MEZZANINE	964 SF				
46	SOUTHBOUND PLATFORM	28234 SF		25 SF min per boarding passenger *	6.4.2	
47	ENCLOSED WAITING AREA	2081 SF		Table 6-2 *	6.3.3.2	
48	CLEANING SUPPLY ROOM	80 SF	80 SF		6.6.4.2	
49	STORAGE	100 SF	100 SF		6.6.4.3	
50	VESTIBULE	966 SF		Table 6-2 *	6.5.1.4	
51	NORTHBOUND PLATFORM	28231 SF		25 SF min per boarding passenger *	6.4.2	
52	ENCLOSED WAITING AREA	2069 SF		Table 6-2 *	6.3.3.2	
53	STORAGE	100 SF	100 SF		6.6.4.3	
54	CLEANING SUPPLY ROOM	80 SF	80 SF		6.6.4.2	
55	VESTIBULE	964 SF		Table 6-2 *	6.5.1.4	

* STATION PUBLIC AREAS AND VERTICAL CIRCULATION ARE SIZED FOR PEAK PASSENGER FORECAST FOR FULL BUILD OUT (2035) AT 50% AIR FARES AS PROVIDED IN STATION AREA PARKING GUIDANCE TECHNICAL MEMORANDUM REV 4, DATED 6/20/2011

PEAK CUMULATIVE DAILY BOARDINGS OF 9,200 PASSENGERS

PEAK HOUR BOARDINGS (P60B) OF 1,380 PASSENGERS

REV	DATE	BY	CHK	APP	DESCRIPTION

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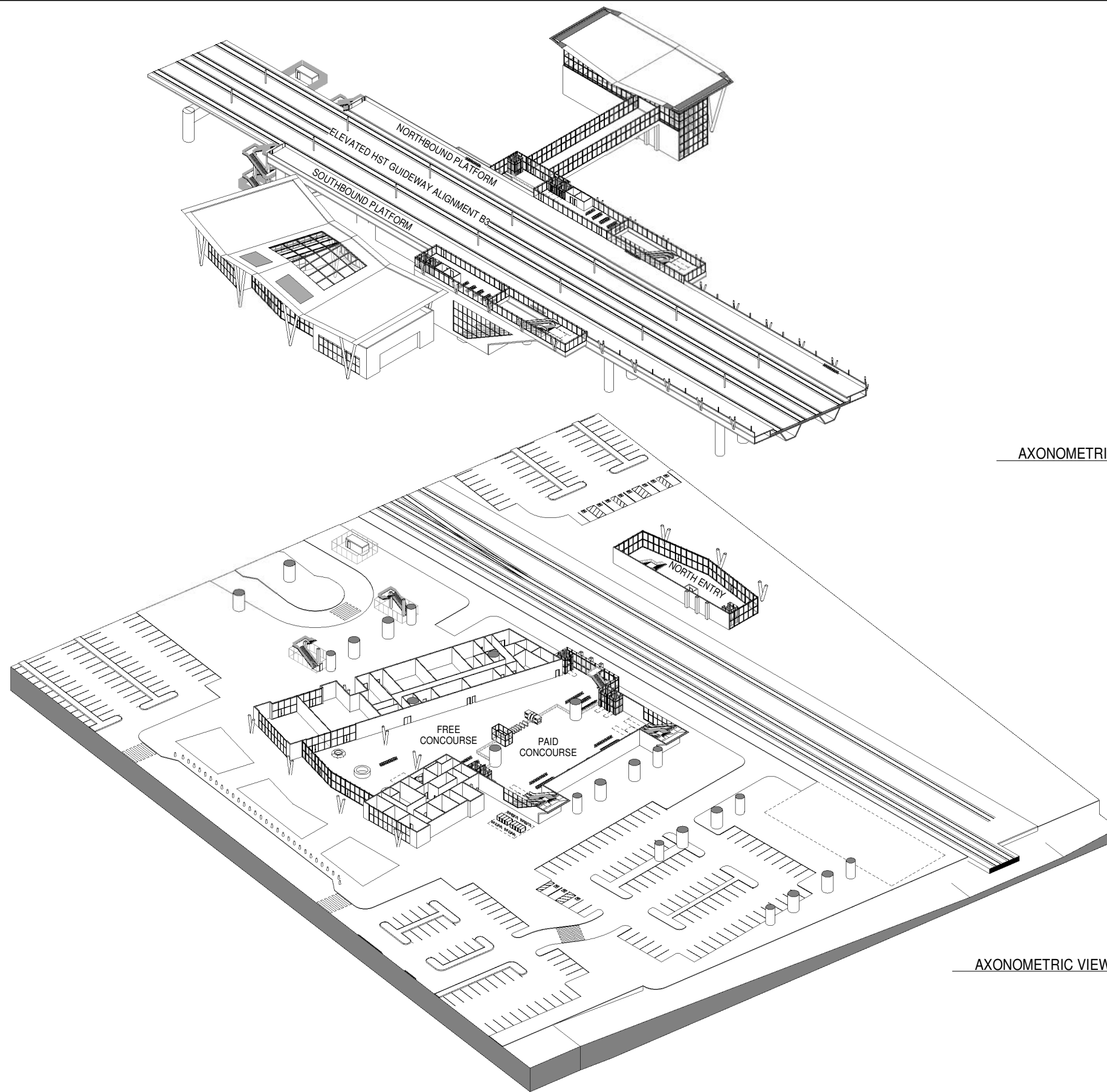


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
ROOM SCHEDULE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A6801
SCALE
SHEET NO.
11 OF 15

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AXONOMETRIC VIEW - PLATFORM 2
A9801

AXONOMETRIC VIEW - CONCOURSE 1
A9801

GENERAL NOTES

KEY NOTES

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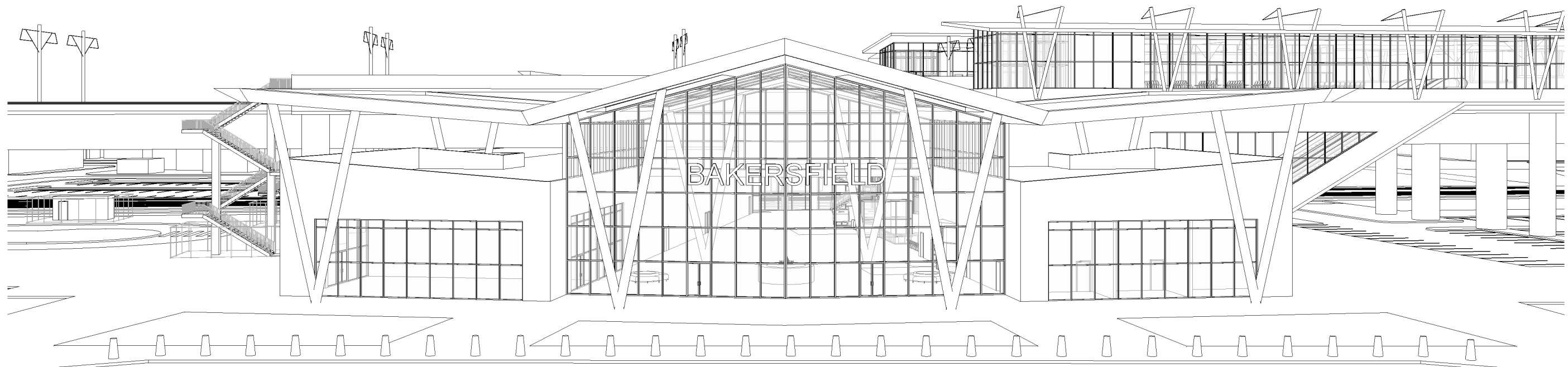
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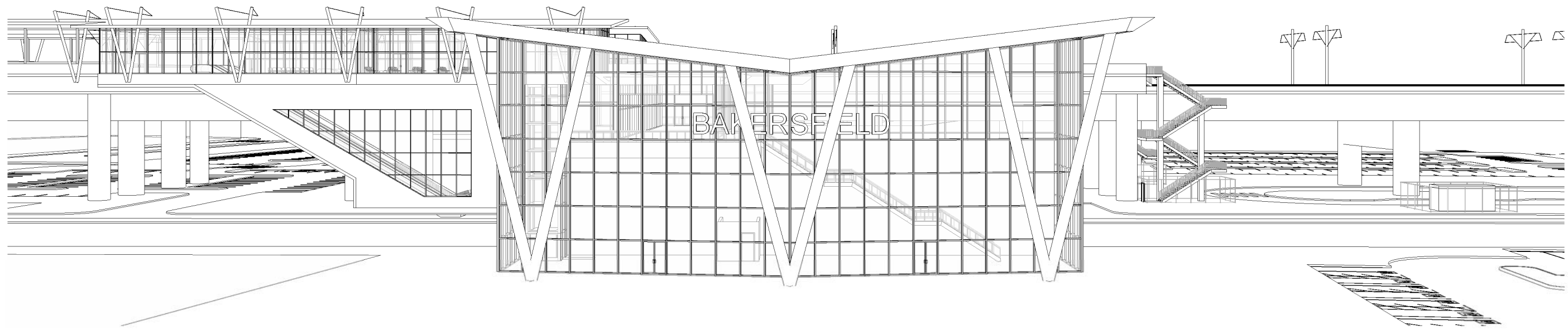
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
AXONOMETRIC VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9801
SCALE
SHEET NO.
12 OF 15

GENERAL NOTES



3D ELEVATION VIEW - SOUTH 1
A9802



3D ELEVATION VIEW - NORTH 2
A9802

KEY NOTES

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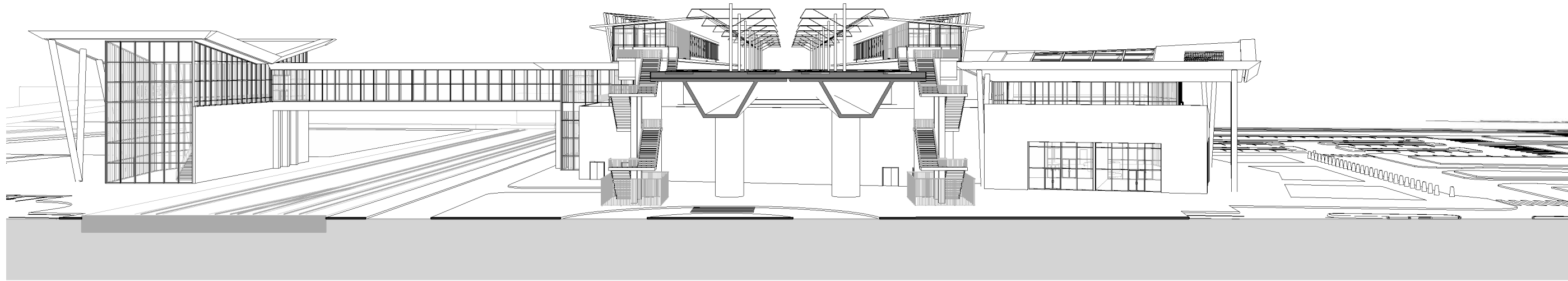
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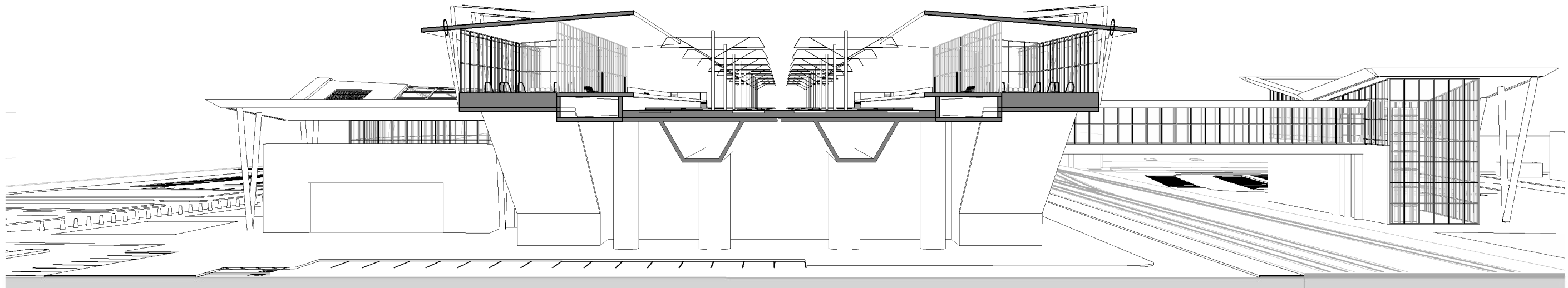


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9802
SCALE
SHEET NO.
13 OF 15



3D ELEVATION VIEW - WEST 1
A9803



3D ELEVATION VIEW - EAST 2
A9803

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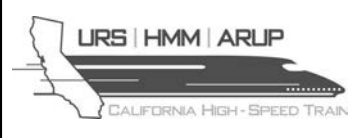
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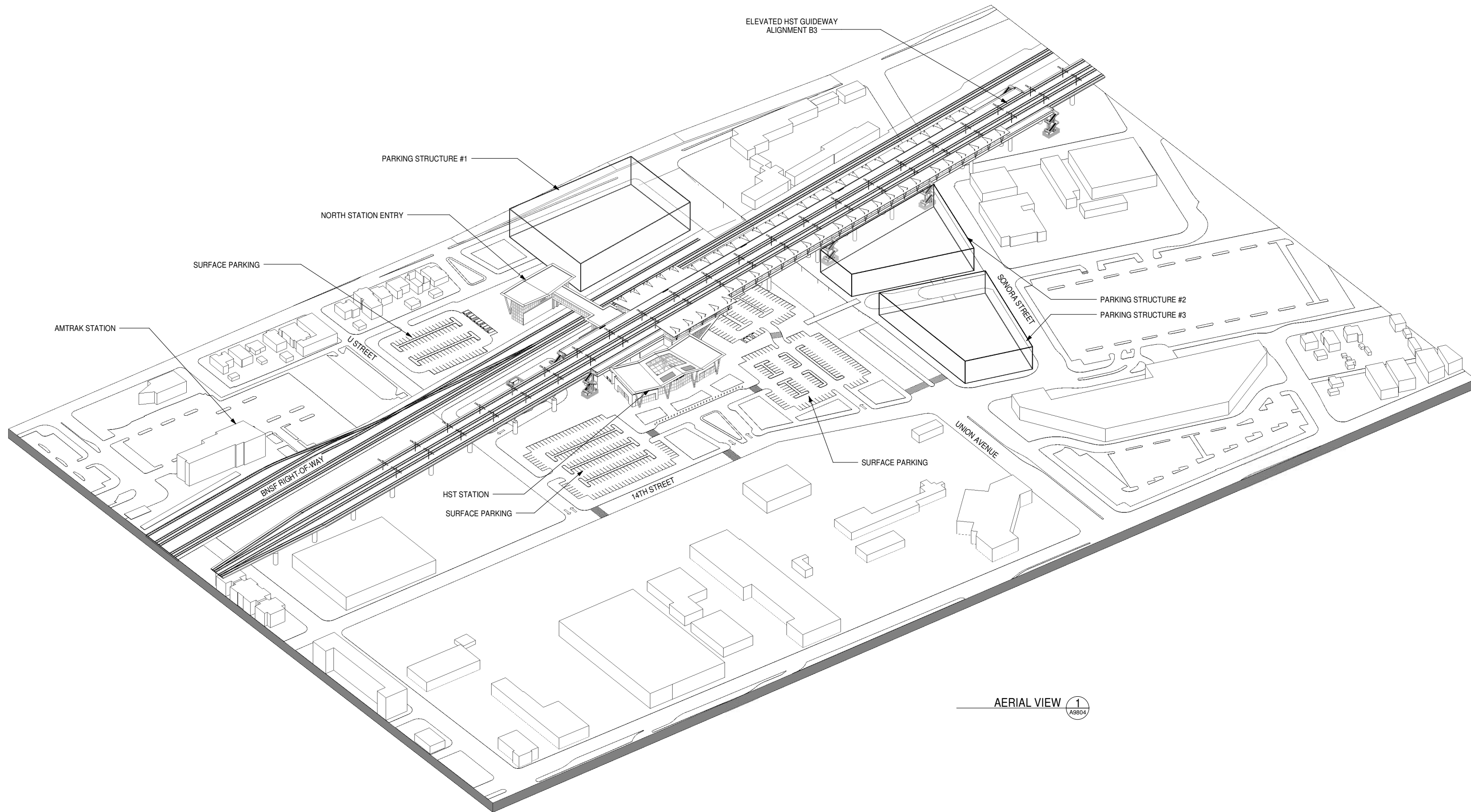


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
3D ELEVATION VIEWS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9803
SCALE
SHEET NO.
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AERIAL VIEW 1
A9804

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
BAKERSFIELD URBAN SUBSECTION
ALIGNMENT B3
BAKERSFIELD STATION - (B3) HYBRID
AERIAL VIEW

CONTRACT NO.
HSR 06-0003
DRAWING NO.
A9804
SCALE
SHEET NO.
15 OF 15